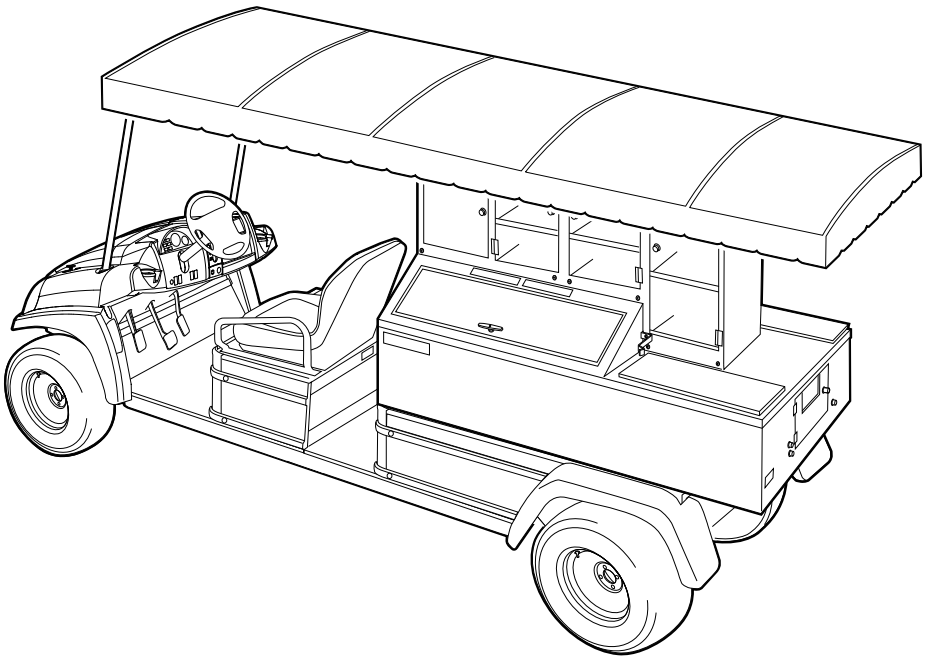
Club Car®

Café Express Deluxe SE Owner's Manual

Carryall 295 SE Gasoline

[Refer to back cover for applicable build code range]



Ingersoll Rand
Industrial Technologies

NOTICE

This manual is valid for vehicles manufactured in the build code range provided on the back cover of this manual. If the vehicle build code is different from that shown on the back cover of this manual, please contact your nearest dealer or go to www.clubcar.com to retrieve the proper owner's manual for the vehicle. See also Model Identification in this manual.

Warranty information appears at the end of this manual. No other warranties, express or implied, are contained herein. Your authorized representative checked the vehicle before it was delivered to you and will provide you a copy of the completed vehicle warranty registration form.

Club Car is not liable for errors in this manual or for incidental or consequential damages that result from the use of the material in this manual.

This manual contains proprietary information that is protected by copyright. All rights are reserved. No part of this manual may be photocopied, reproduced, or translated to another language without the written consent of Club Car, LLC.

The information contained in this document is subject to change without notice.

Club Car reserves the right to make design changes to vehicles without obligation to make these changes on units previously sold.

A vehicle safety video is provided with the vehicle. Have all operators view the safety video, and understand the safety warnings it illustrates, before operating the vehicle. If a safety video was not provided with your Café Express vehicle, you may obtain one through your service parts representative.

These vehicles do not conform to Federal Motor Vehicle Safety Standards for automobiles or to FMVSS 500 for low-speed vehicles, and are not equipped for operation on public streets, roads, or highways.

If in English, this manual is the Original Instructions provided by the manufacturer. If in any language other than English, this manual is a translation of the Original Instructions.

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FOREWORD

Thank you for choosing Club Car, the name most widely recognized as the industry leader in vehicle efficiency and long-lasting value. You have chosen the finest utility vehicle on the market. Please protect your investment and ensure that your Club Car vehicle(s) provides years of reliable, superior performance by reading and following the maintenance instructions in this manual.

Your comfort and safety are important to us, so we urge you to read and follow the step-by-step operating instructions and safety procedures in this manual. These instructions must be followed in order to avoid the risk of severe personal injury. If you rent or loan your vehicle to others, we recommend that you ask them to read this manual before they operate the vehicle.

Club Car products are backed by a customer support system designed to offer you fast, courteous service. In the event your Club Car vehicle needs repairs or service, please contact your local authorized Club Car dealer or distributor; who will be able to provide technical advice, perform warranty work, and sell parts and service manuals.

For the name and address of the authorized Club Car dealer or distributor nearest you, logon to our web site at www.clubcar.com or call 1-800-ClubCar (258-2227). If you would prefer to write to us, direct your letter to: Club Car, Attention: Marketing Services, P.O. Box 204658, Augusta, Georgia 30917-4658 USA.

We hope you will consider this owner's manual a permanent part of your Club Car vehicle. If you sell the vehicle, please include the manual so that the next owner will have the important operating, safety, and maintenance information it contains.

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NOTE TO THE OWNER

This utility vehicle, with standard equipment and authorized attachments, is intended for commercial or residential property, farm, ranch or recreational applications. Use only approved accessories and attachments designed for your vehicle. This Operator's Manual does not include instructions for attachments. Read the manual(s) provided with the authorized attachment to learn safe maintenance and operation of the vehicle. Make sure the vehicle is suitably equipped for the type of work to be performed. Contact your dealer if you have any questions concerning the use of accessories and attachments for these vehicles.

DO NOT use this vehicle for any purpose or in any manner other than as described in the manual, decals or other product safety information provided with the vehicle. These materials define the vehicle's intended use. Consult an authorized dealer on changes, additions or modifications that may be required for this vehicle to comply with various country regulations and safety requirements.

CAUTION

- **The fuel system and engine on your vehicle are designed and built to government emissions standards. Tampering by dealers, customers, operators and users is strictly prohibited by law. Failure to comply could result in government fines, rework charges, invalid warranty, legal action and possible confiscation of the vehicle until rework to original condition is completed. Engine service and/or repairs must be done by a certified technician only!**

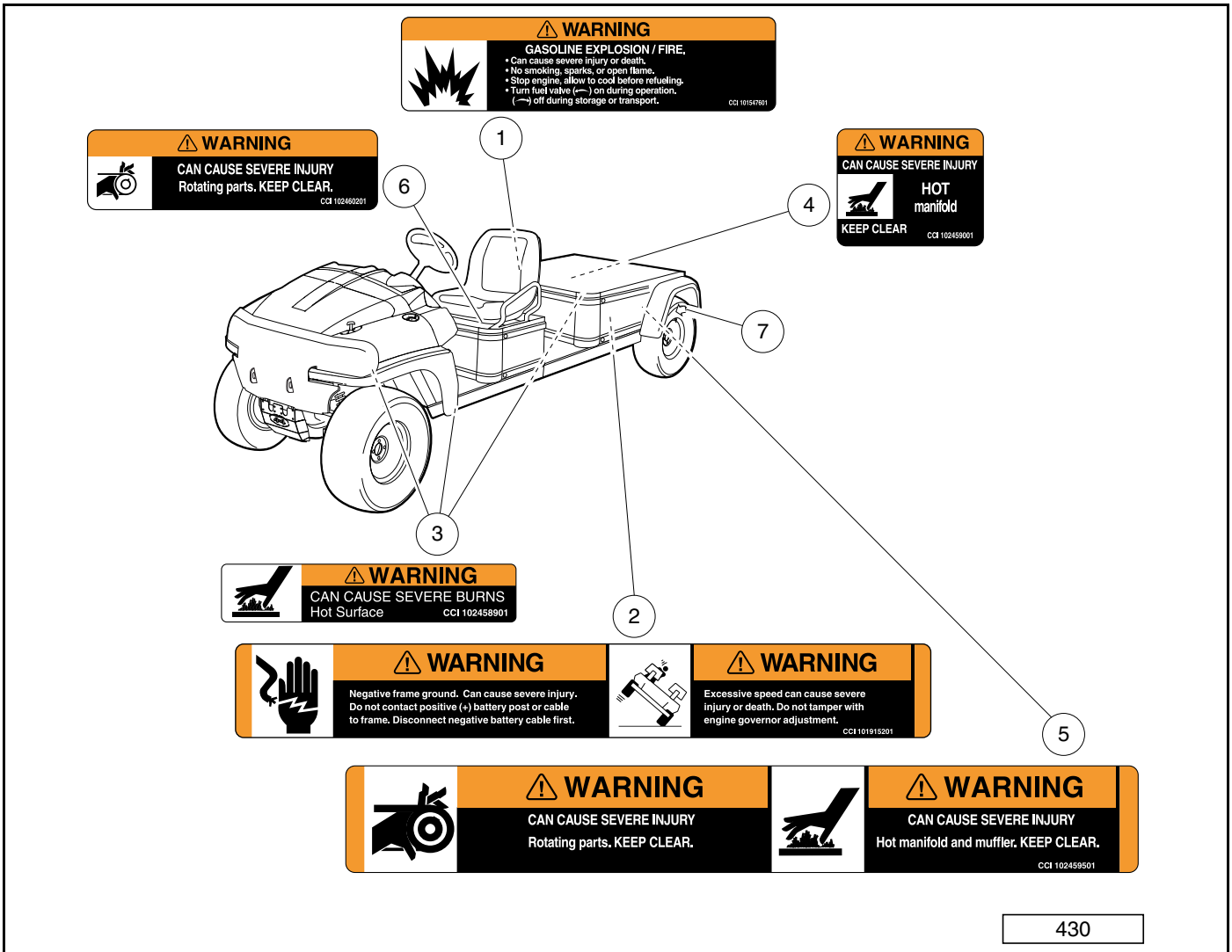
SAFETY DECAL AND FEATURE IDENTIFICATION

The following pages contain safety decal and feature identification information. For detailed information on specific features, read the appropriate section in this manual.

DECAL INSPECTION AND MAINTENANCE

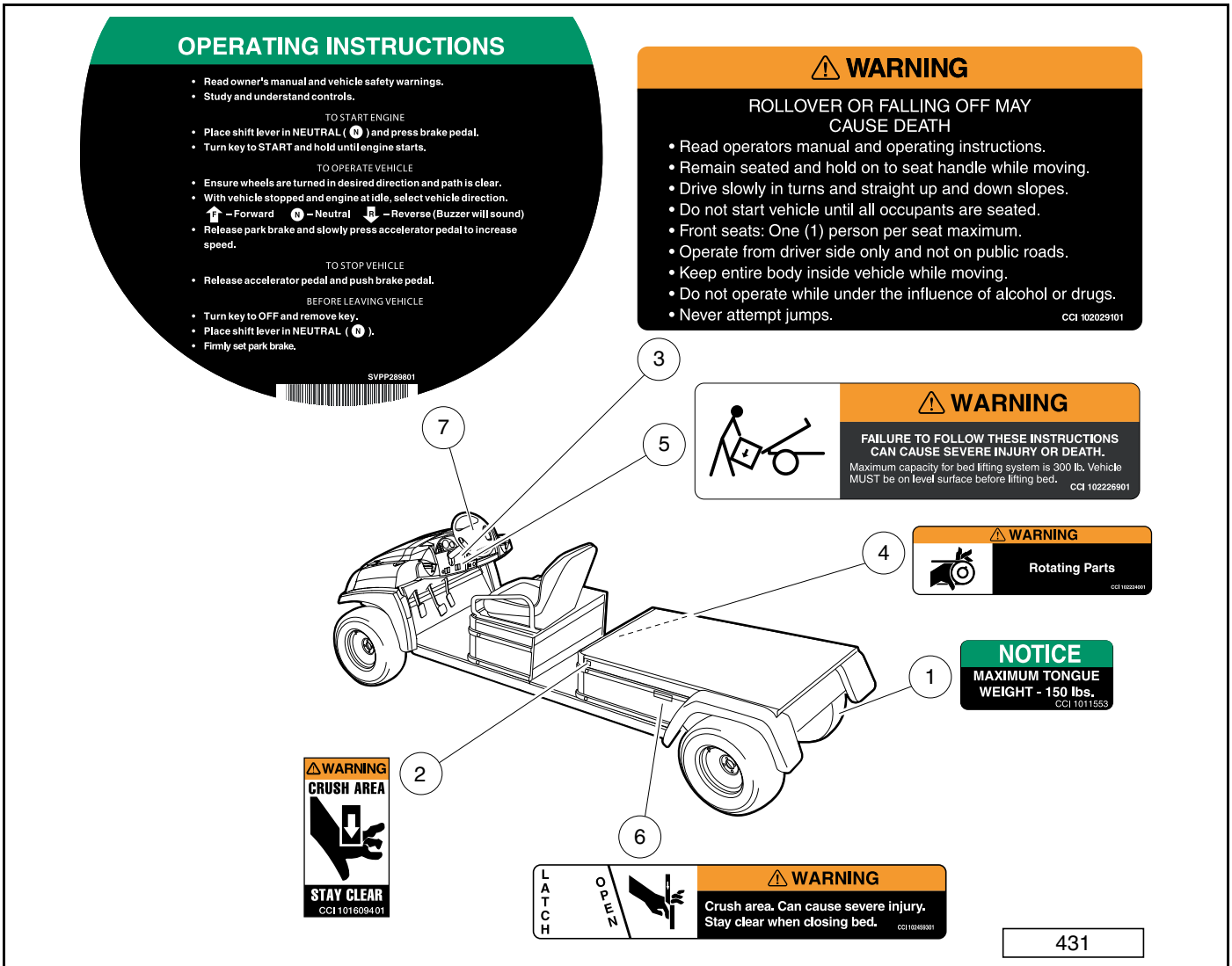
Clean decals and keep legible. Do not use solvents, gasoline, or other harsh chemicals to clean decals. If any of the operation or warning decals on the vehicle become damaged, have been removed, or cannot be easily read, they should be replaced immediately to avoid possible property damage, personal injury, or death. Contact your dealer. If a decal is on a part that is replaced, ensure new part has appropriate decal.

CAFÉ EXPRESS DELUXE SE VEHICLE



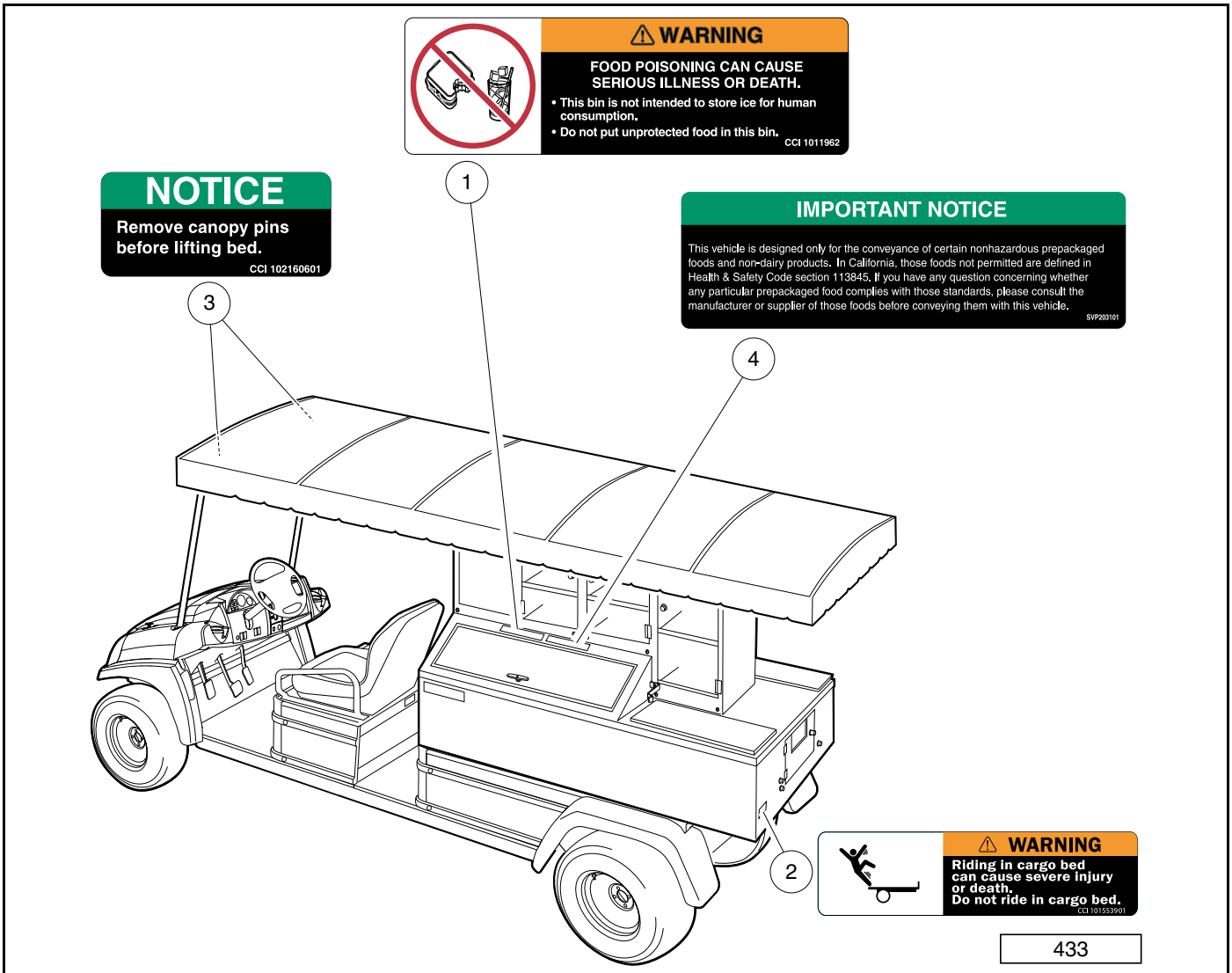
1	101547601	Decal, Gasoline Explosion Warning (at fuel fill)	5	102459501	Decal, Rotating/Hot Parts Warning (on frame, near battery)
2	101915201	Decal, Ground and Excessive Speed Warning (on frame, near battery)	6	102460201	Decal, Rotating Parts Warning (on vehicle body, under seat)
3	102458901	Decal, Hot Surface Warning (on coolant pipes, underside of seat and bed?	7		Directional Arrow (on tire)
4	102459001	Decal, Hot Manifold Warning (on engine, near manifold)			

CAFÉ EXPRESS DELUXE SE VEHICLE



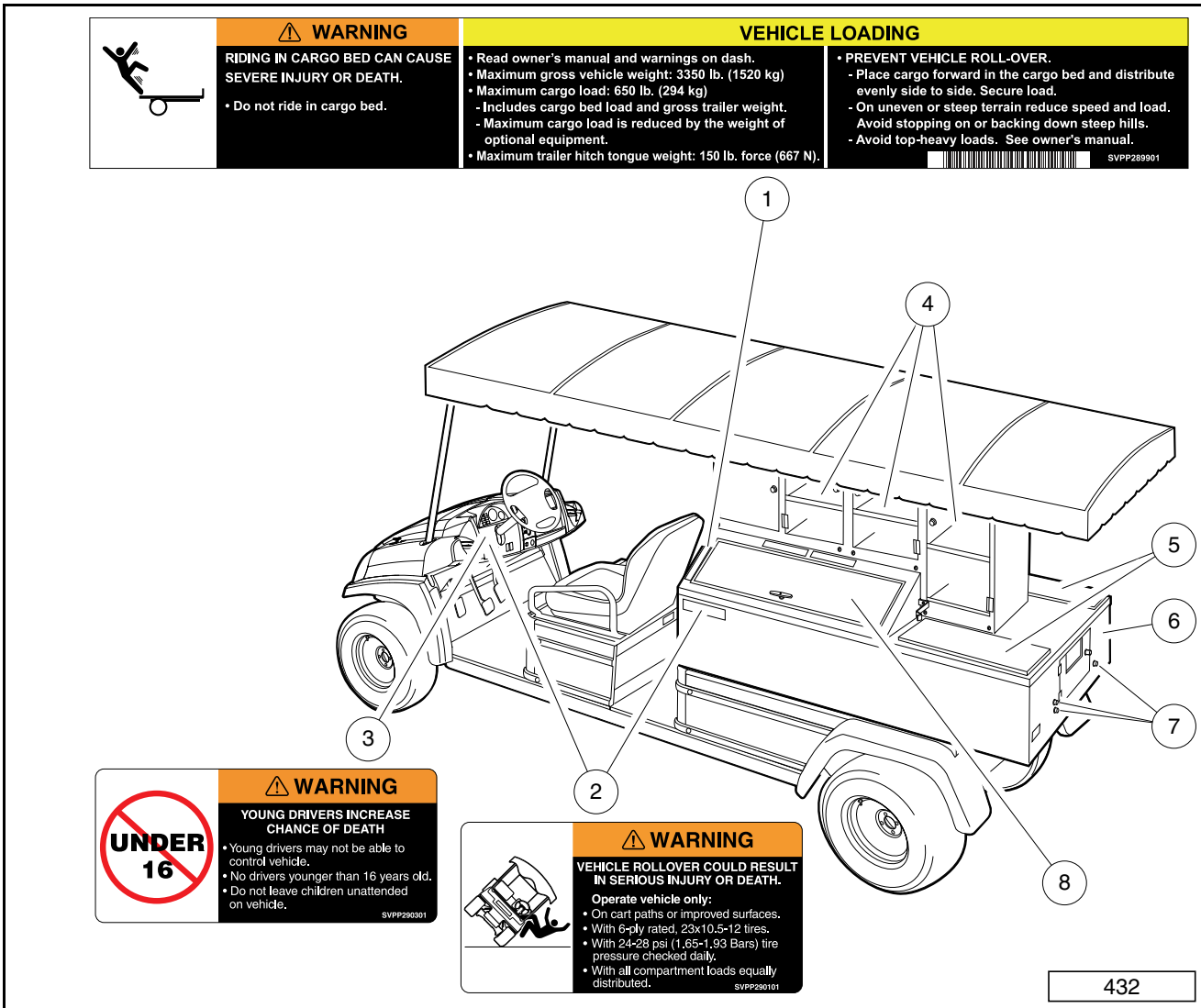
1	1011553	Decal, Maximum Tongue Weight Notice (on receiver hitch)	5	102226901	Decal, Bed Lift Capacity Warning (right side of dash, above lift switch)
2	101609401	Decal, Crush Area Warning (on cargo bed)	6	102459301	Decal, Bed Latch Warning (on vehicle body, below bed latch)
3	102029101	Decal, Rollover/Falling Off Warning (right side of dash)	7	SVPP289801	Decal, Operating Instructions (on steering wheel)
4	102224001	Decal, Rotating Parts Warning (inside front cargo bed panel)			

CAFÉ EXPRESS DELUXE SE REFRESHMENT CENTER



1	1011962	Decal, Food Safety Warning (on each side of refreshment center)			
2	101553901	Decal, Riding in Cargo Box Warning (rear of refreshment center)			
3	102160601	Decal, Pin Removal Warning (on frame next to pins)			
4	SVP203101	Decal, Proper Use Notice (on each side of refreshment center)			

CAFÉ EXPRESS DELUXE SE REFRESHMENT CENTER



1	SVPP289901	Decal, Vehicle Loading (left side refreshment unit)	5		Consumable Ice Compartment
2	SVPP290101	Decal, Rollover Warning (left side dash, left side refreshment unit)	6		Trash Compartment
3	SVPP290301	Decal, Young Driver Warning (left side dash)	7		Drain Holes (3) (valves inside trash compartment)
4		Dry Snack Compartment	8		Cold Storage Compartment

PRACTICE SAFETY

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Figure 1 Practice Safety

Safety signs like you see above may at first seem shocking, but their impact is mild compared with the reality of severe personal injury.

Your safety and satisfaction are of the utmost importance to us. That is why before operating the vehicle, we urge you to review the information in this manual. Understand and become familiar with the DANGER, WARNING, and CAUTION statements and procedures it contains, along with the safety decals that are affixed to your vehicle.

Prior to operating the vehicle, all operators should go to the Club Car web site and view the vehicle safety video. To locate the video, go to www.clubcar.com, and search for “safety video.”

Take time to understand the language of safety. It is a language that can save your life.

PROPOSITION 65 WARNING – STATE OF CALIFORNIA

⚠ WARNING

- **This product contains or emits chemicals or substances that have been determined by the state of California to cause cancer and birth defects or other reproductive harm.**

CALIFORNIA

PROPOSITION 65 WARNING

Diesel and gasoline engine exhaust, and some of its constituents, are known to the State of California to cause cancer, birth defects, and other reproductive harm.

Battery post, terminals and related accessories contain lead and lead compounds.

Wash hands after handling.

SAFETY DETAILS

⚠ WARNING

- **This owner's manual should be read completely before attempting to drive or service the vehicle. The safety video provided with the Café Express vehicle should also be viewed by all operators of the vehicle. Failure to heed the warnings or follow the instructions in this manual and the safety video could result in property damage, severe personal injury or death.**

PERSONAL SAFETY

It is important to note that some vital statements throughout this manual and on the decals affixed to the vehicle are preceded by the words DANGER, WARNING, or CAUTION. For your protection, we recommend that you take special notice of these safety precautions. Safety precautions are essential and must be followed.

If any of the operation or warning decals on the vehicle become damaged, have been removed, or cannot be easily read, they should be replaced immediately to avoid possible property damage, personal injury, or death. Contact your dealer.

⚠ DANGER

- **A DANGER indicates an immediate hazard that will result in severe personal injury or death. The color associated with Danger is RED.**

⚠ WARNING

- **A WARNING indicates an immediate hazard that could result in severe personal injury or death. The color associated with Warning is ORANGE.**

⚠ CAUTION

- **A CAUTION with the safety alert symbol indicates a hazard or unsafe practice that could result in minor personal injury. The color associated with Caution is YELLOW.**

MACHINE SAFETY

CAUTION

- **A CAUTION without the safety alert symbol indicates a potentially hazardous situation that could result in property damage.**

A CAUTION, without the safety alert symbol, is intended for machine and property safety. It is used throughout this manual followed by specific instructions to prevent machine or property damage. Failure to follow these CAUTION messages could result in machine or property damage.

INFORMATION

NOTE: *Instructions that clarify steps, procedures, or other information in this manual.*

GENERAL WARNINGS

The following safety statements must be heeded whenever the vehicle is being operated, repaired, or serviced. **See Safety Decal and Feature Identification on page 5.** Other specific safety statements appear throughout this manual and on the vehicle.

⚠ DANGER

- **Battery – Explosive gases! Do not smoke. Keep sparks and flames away from the vehicle and service area. Ventilate when charging or operating vehicle in an enclosed area. Wear a full face shield and rubber gloves when working on or near batteries.**
- **Gasoline – Flammable! Explosive! Do not smoke. Keep sparks and flames away from the vehicle and service area. Service only in a well-ventilated area.**
- **Do not operate engine in an enclosed area without proper ventilation. The engine produces carbon monoxide, which is an odorless, deadly poison that can quickly accumulate in an enclosed cab. Do not run the engine in a parked vehicle without proper cab ventilation. Move to fresh air if you feel nausea, headache, dizziness, drowsiness or weakness.**
- **The vehicle will not provide protection from lightning, flying objects, or other storm-related hazards. If caught in a storm while driving this vehicle, exit the vehicle and seek shelter in accordance with applicable safety guidelines for your location.**
- **Do not weld to a wheel or rim until the tire is completely removed. Inflated tires can generate a gas mixture with the air that can be ignited by high temperatures from welding procedures performed on the wheel or rim. Removing the air or loosening the tire on the rim (breaking the bead) will NOT eliminate the hazard. This condition can exist whether tires are inflated or deflated. The tire MUST be completely removed from the wheel or rim prior to welding the wheel or rim. Failure to comply will result in death or serious injury.**

⚠ WARNING

- **Follow the procedures exactly as stated in this manual, and heed all DANGER, WARNING, and CAUTION statements in this manual as well as those on the vehicle.**
- **This vehicle is not intended to be used where risk of falling objects exist. If your vehicle will be used in such an environment, contact your local dealer.**
- **Do not leave children unattended on vehicle.**
- **Prior to leaving the vehicle unattended or servicing the vehicle, set the park brake, place the Forward/Reverse handle in the NEUTRAL position, turn the key switch to the OFF position, and remove the key. Chock the wheels when servicing the vehicle.**
- **Improper use of the vehicle or failure to properly maintain it could result in decreased vehicle performance, severe personal injury, or death.**
- **Any modification or change to the vehicle that affects the stability or handling of the vehicle, or increases maximum vehicle speed beyond factory specifications, could result in severe personal injury or death.**
- **Check the vehicle for proper location of all vehicle safety and operation decals and make sure they are in place and are easy to read.**
- **For vehicles with cargo beds, remove all cargo before raising the bed or servicing the vehicle. Ensure that the safety catch is securely engaged while bed is raised. Do not close bed until all persons are clear of cargo bed area. Keep hands clear of all crush areas. Do not drop cargo bed; lower gently and keep entire body clear. Failure to heed this warning could result in severe personal injury or death.**
- **Only trained technicians should service or repair the vehicle. Anyone doing even simple repairs or service should have knowledge and experience in electrical and mechanical repair. The appropriate instructions must be used when performing maintenance, service, or accessory installation.**

WARNING CONTINUED ON NEXT PAGE

⚠ WARNING

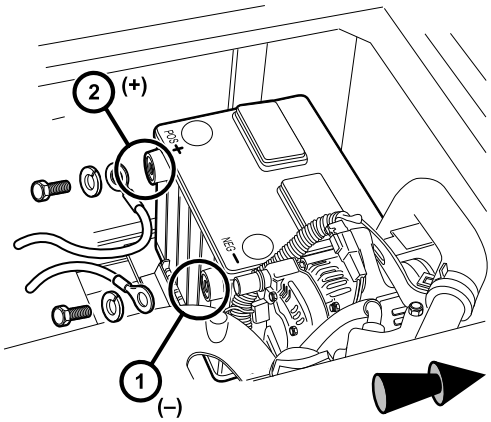
- **To avoid unintentionally starting the vehicle, disconnect battery and spark plug wires. See Disconnecting the Battery – Gasoline Vehicles on page 13.**
- **Frame ground – Do not allow tools or other metal objects to contact frame when disconnecting battery cables or other electrical wiring. Do not allow a positive wire to touch the vehicle frame, engine, or any other metal component.**
- **Wear safety glasses or approved eye protection when servicing the vehicle. Wear a full face shield and rubber gloves when working on or near batteries.**
- **Do not wear loose clothing or jewelry such as rings, watches, chains, etc., when servicing the vehicle.**
- **Use insulated tools when working near batteries or electrical connections. Use extreme caution to avoid shorting of components or wiring.**
- **When servicing the vehicle with part of the vehicle on jack stands, do not operate the engine with the Forward/Reverse handle in either the FORWARD or REVERSE position. The all-wheel drive system will engage any wheel(s), front or rear, with traction (Figure 3, Page 14).**

DISABLING THE VEHICLE

1. Set the park brake.
2. Turn the key switch OFF and remove the key.
3. Place the Forward/Reverse control in the NEUTRAL position.
4. In addition, chock the wheels if servicing or repairing the vehicle.

DISCONNECTING THE BATTERY – GASOLINE VEHICLES

1. Disable the vehicle. **See Disabling the Vehicle on page 13.**
2. Disconnect the battery cables, negative (–) cable first, as shown **(Figure 2)**.
3. Disconnect the spark plug wire(s) from the spark plug(s).



1. Remove negative battery cable.
2. Remove positive battery cable.

Connect battery cables in reverse order.

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Figure 2 Battery Cable Removal

189

Figure 3 All-Wheel Drive Warning

CONNECTING THE BATTERY – GASOLINE VEHICLES

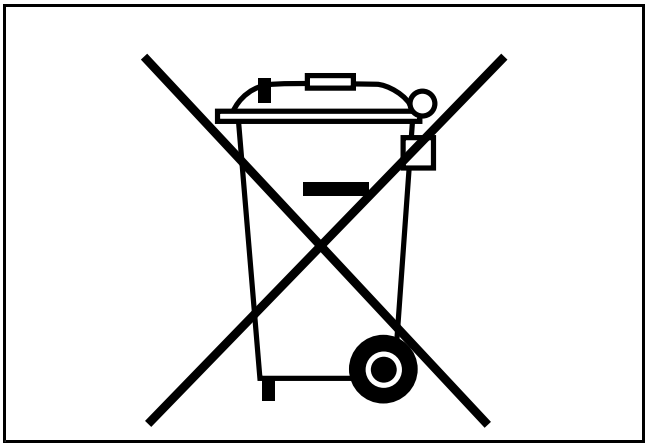
1. Connect the battery cables, positive (+) cable first.
2. Tighten battery terminals to 80 in-lb (9 N·m).
3. Coat terminals with Battery Terminal Protector Spray (CC P/N 1014305) to minimize corrosion.
4. Connect the spark plug wire(s) to the spark plug(s).

RECYCLING LEAD-ACID BATTERIES

⚠ WARNING

- **Lead-acid batteries contain lead (Pb), other metals, acids and other compounds. If improperly handled, they can contaminate both water and soil, causing environmental damage and personal injury.**

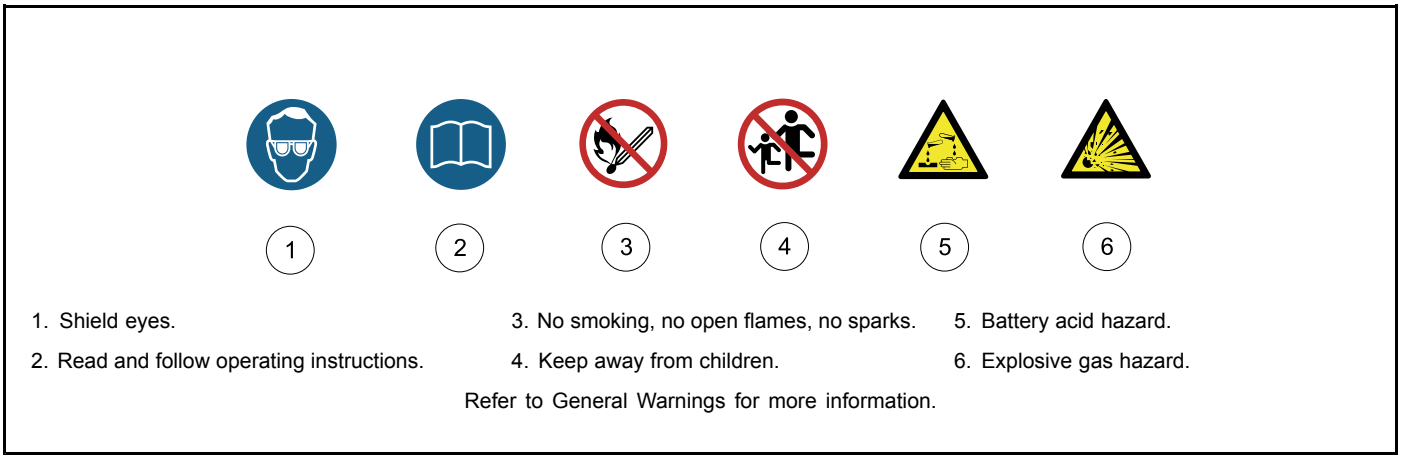
Lead-acid batteries are identified by the symbol shown below and should be properly recycled **(Figure 4)**. They cannot be disposed as municipal waste and must be collected separately. Responsibility for environmental protection must be shared, not only by the manufacturers of the batteries, but by people who use the batteries as well. Please contact your nearest dealer for information on how to properly recycle your batteries.



1403
Figure 4 Dispose of Lead-acid Batteries Properly

INTERNATIONAL SAFETY SYMBOLS ON BATTERIES

Anyone using, repairing, or servicing the vehicle must understand and heed the safety symbols on the vehicle battery or batteries.



1642
Figure 5 International Safety Symbols on Batteries

GENERAL INFORMATION

This manual is designed to include information on Café Express Deluxe SE vehicles. All operating procedures, maintenance, and regular servicing are identical in all vehicles unless otherwise noted. If any of these differ between vehicles, it will be noted for that specific procedure.

MODEL IDENTIFICATION

The serial number of each vehicle is printed on a bar code decal mounted either below the passenger side cup holder or above the accelerator or brake pedal (Example: PH0901-583947) **(Figure 6)**.

The two letters (1) at the beginning of the serial number indicate the vehicle model. The following four digits (2) indicate the model year and production week during which the vehicle was built. The six digits (3) following the hyphen represent the unique sequential number assigned to each vehicle built within a given model year. **See following NOTE.**

NOTE: *Have the vehicle serial number available when ordering parts or making inquiries.*

A 17-digit Product Information Number (PIN) is included on this vehicle in the engine compartment, on the frame above the battery. This number may be used to register the vehicle where required.

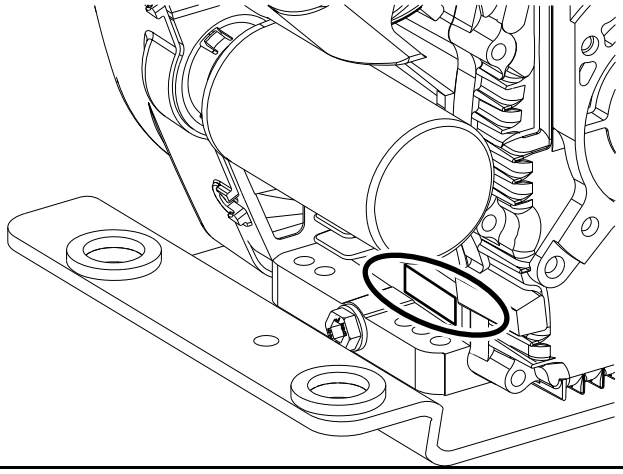
Build Code: The build code (4) is a five-digit number that appears on the vehicle serial number decal. The build code exists to enable the user to identify the correct owner's manual for a vehicle. This owner's manual is valid for the build code range indicated on the back cover of this owner's manual.

IDENTIFICATION NUMBERS

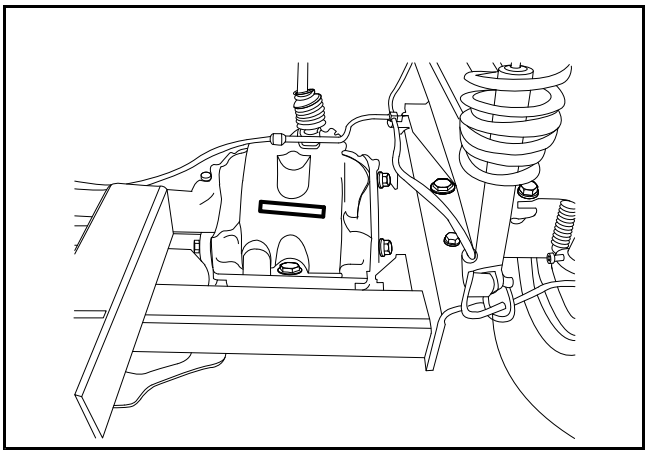
Write your vehicle model number, model serial number and engine serial number on the lines provided below. If needed, give these numbers to your dealer when you need parts or information for your vehicle. Make a record of the numbers. Keep the record and your Manufacturer's Statement of Origin in a safe place. If the vehicle is stolen, report the numbers to your local law enforcement agency.

Vehicle Model and Type	
Vehicle Serial Number **(Figure 6)**	
Year of Build **(Figure 6)**	
Vehicle PIN Number	
Engine Serial Number **(Figure 7)**	
Differential Serial Number **(Figure 8)**	

1400
Figure 6 Serial Number Decal with the Vehicle Build Code



830
Figure 7 Gasoline Engine Serial Number Location



1633

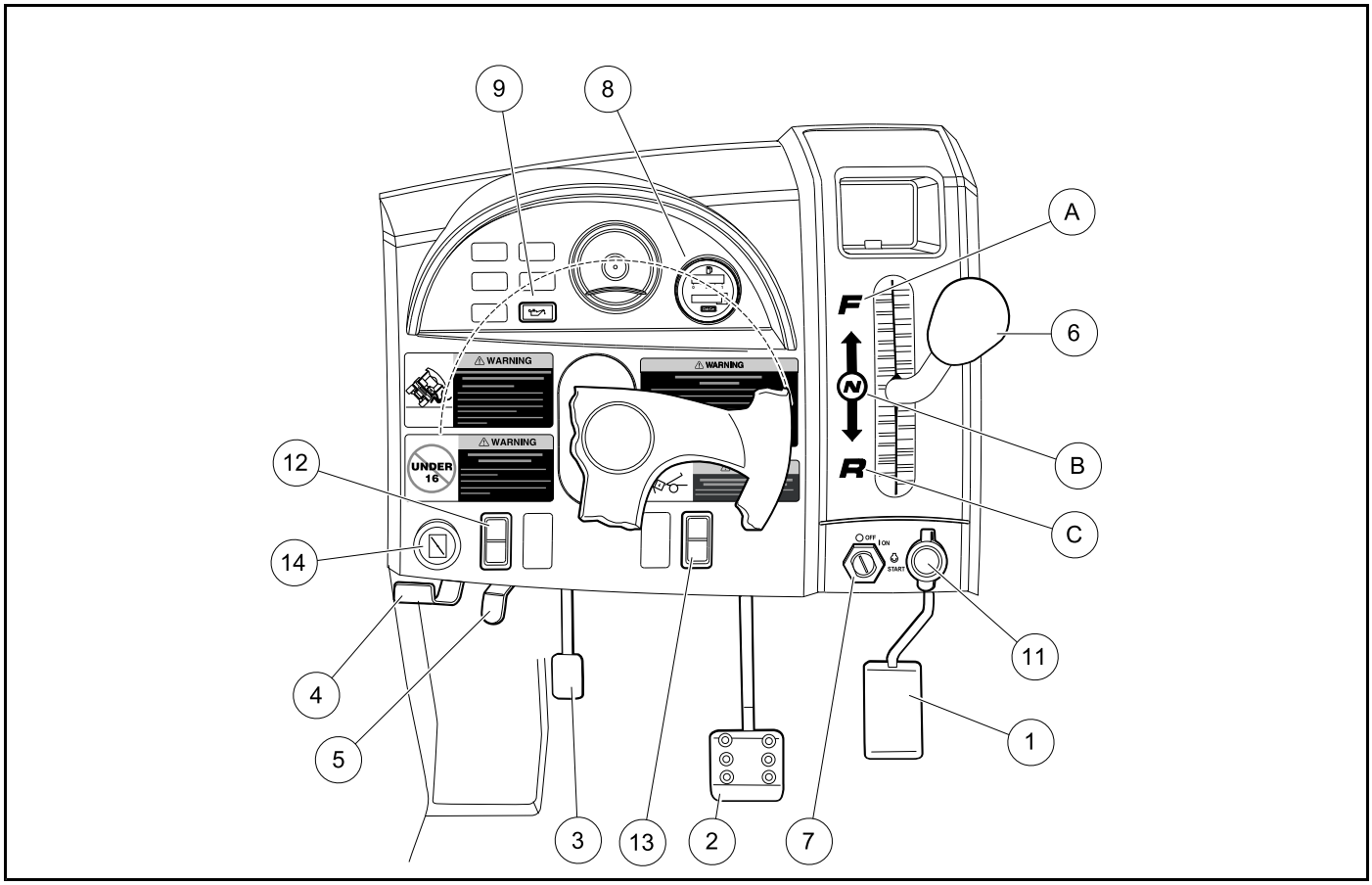
Figure 8 Differential Serial Number Location

CONTROLS AND INDICATORS

See General Warnings on page 12.

⚠ WARNING

- **Before allowing anyone to drive the vehicle, make sure the driver is familiar with all controls and operating procedures.**
- **Do not shift the Forward/Reverse handle while the vehicle is in motion.**
- **Engine must be at idle before shifting the Forward/Reverse handle. Failure to do so may result in injury to inattentive passengers and (or) damage to the vehicle.**
- **To avoid unintentionally starting or rolling the vehicle, set the park brake, place the Forward/Reverse handle in the NEUTRAL position, turn the key switch to the OFF position, and remove the key when leaving the vehicle.**



434
Figure 9 Instrument Panel

KEY SWITCH

The key switch (7) is mounted on the instrument panel to the right of the steering column **(Figure 9)**. It has three positions: OFF, ON, and START.

To start the vehicle, place the Forward/Reverse handle in the NEUTRAL position and turn the key to the START position, and hold it there until the engine starts. Activate the choke (14) as necessary. If the engine does not start after 10-15 seconds, release the key and repeat the procedure. Once the engine starts, release the key and it will return to the ON position. The engine will idle in neutral. The engine will continue to idle until the key is turned to the OFF position. **See following WARNING, CAUTION, and NOTE.**

⚠ WARNING

- **Moving parts! Keep clear of the engine compartment while the engine is running.**

CAUTION

- **Do not shift the Forward/Reverse handle while the accelerator pedal is pressed. Shift the handle only when the vehicle is at a complete stop and the engine is at idle. Failure to heed this caution could result in damage to the transmission.**

NOTE: *When the key is turned to the OFF position, the main vehicle systems are disabled. The key switch may be used as an emergency stop.*

The key can be removed only when the key switch is in the OFF position.

FORWARD/REVERSE CONTROL

The Forward/Reverse handle (6) is located on the right side of the instrument panel **(Figure 9)**. The handle has three distinct positions: FORWARD (A), NEUTRAL (B), and REVERSE (C). Push the handle up to operate the vehicle in the forward direction, or pull the handle down to operate the vehicle in reverse. The engine can be started only when the handle is in the NEUTRAL (middle) position. The engine must be at idle before shifting the Forward/Reverse handle. **See preceding WARNING and CAUTION.**

This vehicle operates at a reduced speed in reverse. The reverse buzzer will sound as a warning when the Forward/Reverse handle is in the REVERSE position.

ACCELERATOR PEDAL

The accelerator pedal (1) is the pedal farthest to the right **(Figure 9)**.

With the engine running and the Forward/Reverse handle in the FORWARD or REVERSE position, vehicle speed will increase as the accelerator pedal is pressed. When the accelerator pedal is released, it will return to the original position and the engine will idle. **See preceding WARNING and CAUTION.**

BRAKE PEDAL

The brake pedal (2) is located to the immediate left of the accelerator pedal **(Figure 9)**. To slow or stop the vehicle, press the brake pedal.

PARK BRAKE

The park brake pedal (3) is located to the left of the brake pedal **(Figure 9)**. To engage the park brake, first apply pressure to the brake pedal, then firmly press the park brake pedal until it latches into place. To disengage the park brake, pull the park brake release handle (4) **(Figure 10)**. **See following WARNING.**

⚠ WARNING

- **The park brake has multiple locking positions and should be firmly locked to prevent the vehicle from rolling.**

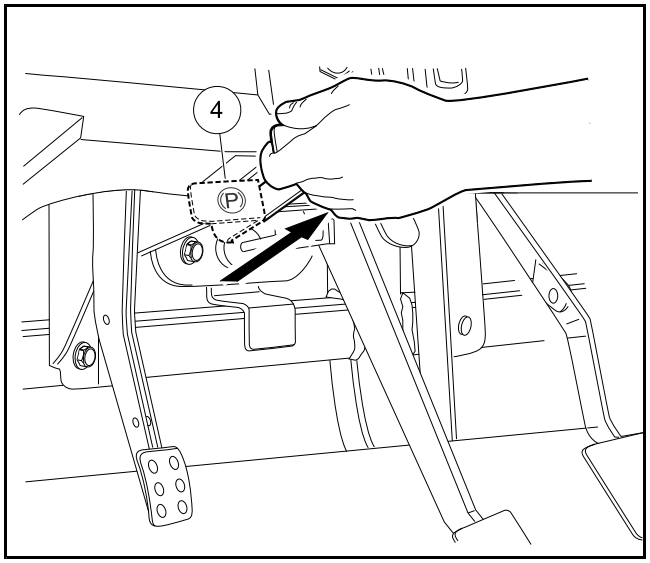


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Figure 10 Park Brake Release

STEERING ADJUSTMENT LOCK

The steering wheel position is adjustable. To adjust the steering wheel position, press down on the steering adjustment lock lever (5), then move the steering wheel to the desired position **(Figure 9)**. While holding the steering wheel in the desired position, pull up on the steering adjustment lock lever to firmly lock the steering column in position. **See following WARNING.**

⚠ WARNING

- **Ensure that the steering wheel lock is fully engaged before operating the vehicle.**

12-VOLT ACCESSORY OUTLET

The 12-volt accessory outlet (11) is located to the right of the key switch **(Figure 9)**. It provides a constant 12VDC with the key switch in the ON or OFF position. **See following NOTE.**

NOTE: *Extended use of this accessory outlet can cause the battery to become heavily discharged.*

LOW OIL WARNING LIGHT

The low oil warning light (9) is located on the instrument panel just to the left of the steering column **(Figure 9)**. If the warning light comes on, oil should be checked and added to the engine as necessary before vehicle use continues. The vehicle should never be driven when the low oil warning light remains lit. If the warning light goes on and off, the vehicle may be driven, but oil should be added at the first opportunity. If the oil level is correct and the warning light remains lit, have a trained technician check the vehicle. **See following CAUTION.**

CAUTION

- **Failure to add oil immediately when the low oil warning light stays on may result in permanent engine damage.**

FUEL GAUGE/HOUR METER

The fuel gauge and hour meter (8) are housed together on the right side of the instrument panel **(Figure 9)**. The fuel gauge operates when the key switch is in the ON position and allows the operator to monitor the fuel level in the vehicle. The hour meter operates only when the engine is running, and should be used by the trained technician to track vehicle usage and determine when periodic service procedures are required. **See Periodic Service Schedules on page 34.**

HEADLIGHT CONTROL

The headlight control (12) is located on the left side of the instrument panel **(Figure 9)**. Press the headlight rocker switch to turn the headlights on or off. **See following NOTE.**

NOTE: *Using the headlights for extended periods while the engine is either off or idling will discharge the battery.*

ELECTRIC BED LIFT

The electric bed lift switch (13) is located on the instrument panel to the left of the key switch **(Figure 9)**. **See following NOTE.**

NOTE: *Remove cargo before raising the bed.*

To lift the bed, push up and hold the rocker switch in the upper position. Release the switch to stop the lifting operation. To close the bed, press down and hold the switch in the lower position. The bed lift will make a loud clicking sound to signal that the bed is in the rest position.

SEAT LATCH AND ADJUSTMENT

See General Warnings on page 12.

The seat is hinged to allow easy access to the engine compartment. A latch at the rear of the seat bottom keeps the seat from moving on its hinges while the vehicle is in operation. To disengage the latch, grasp the seat back and pull firmly in a forward/upward direction until the latch releases. To engage the seat latch, push down firmly on the seat back until the seat locks into place. **See following WARNING.**

⚠ WARNING

- **Make sure seat hinges and latch are securely engaged before operating vehicle.**

The bucket seat is adjustable and can be moved forward or backward to accommodate the driver. To adjust seat, push lever located under the driver seat to the left (towards outside of the vehicle). Position seat and return lever to its original position. **See following WARNING.**

⚠ WARNING

- **Do not adjust driver-side seat while vehicle is in motion.**

PRE-OPERATION AND DAILY SAFETY CHECKLIST

See General Warnings on page 12.

Each Club Car vehicle has been thoroughly inspected and adjusted at the factory; however, upon receiving your new vehicle(s), you should become familiar with its controls, indicators, and operation. Carefully inspect each vehicle to ensure that it is in proper working condition before accepting delivery.

Use the following checklist as a guide to inspect the vehicle. This checklist should be used daily to ensure that the vehicle is in proper working condition, and in conjunction with the Performance Inspection on page 23 and Periodic Service Schedules on page 34. Any problems should be corrected by a Club Car distributor/dealer or a trained technician.

Do not operate the vehicle until the upper cabinet and base, canopy, and windshield have been installed. **See Café Express Deluxe SE Refreshment Center Installation on page 54.**

- **Safety Video:** Have all operators view the safety video that was provided with the vehicle and understand the safety warnings it illustrates before operating the vehicle.
- **General:** All the parts should be in place and properly installed. Be sure that all nuts, bolts, and screws are tight. Check hose clamps for tight fit.
- **Windshield:** Ensure that the windshield is installed before driving the vehicle. **See Windshield on page 24.**
- **Safety and information decals:** Check to ensure that all safety and information decals are in place and can be read easily. **See Safety Decal and Feature Identification on page 5.**
- **Tires:** Check for proper tire pressure. Visually inspect tires for wear, damage, and proper inflation on a daily basis. **See Tires on page 24.**
- **Loading:** Before driving the vehicle, ensure that the load weight is evenly distributed in the Café Express Deluxe refreshment center. Also, make sure the drain valves are open if the refreshment center is loaded with ice.
- **Battery:** Check electrolyte to ensure it is at the proper level **(Figure 29)**. Check battery posts. Wires should be tight and free of corrosion and battery should be fully charged.
- **Engine:** Check for proper engine oil level. **See Engine Oil on page 39.** Check air filter and replace if necessary.
- **Fuel:** Check fuel level. **See Fueling Instructions on page 46.** Check fuel tank, lines, fuel cap, pump, fuel filters, and carburetor for fuel leakage on a daily basis.
- **Exhaust system:** Check for leaks.
- **Hydraulic brakes:** Check fluid level. Fill with DOT 5 brake fluid only. **See Brake Fluid Reservoir on page 38.** Wear in the brakes before initial vehicle operation. On a flat, open surface, accelerate the vehicle to moderate speed, then apply the brakes under modest, steady pressure. Repeat this procedure eight to twelve times. **See following NOTE.**

NOTE: *Perform the wear-in procedure when the vehicle has been in operation for less than a week, or when the brake pads or rotor have been replaced.*

- **Performance Inspection:** Inspect as instructed. **See Performance Inspection on page 23.**

PERFORMANCE INSPECTION

See General Warnings on page 12.

After you have familiarized yourself with the vehicle controls and have read and understood the driving instructions, take the vehicle for a test drive.

Use the following checklist, in conjunction with the Pre-Operation and Daily Safety Checklist on page 22, as a guide to inspect the vehicle and check daily for proper operation. Any problems should be corrected by a Club Car distributor/dealer or a trained technician.

- **Forward/Reverse shifter:** Check for proper operation. **See Controls and Indicators on page 17.**
- **Brakes:** Be sure the brakes function properly. When brake pedal is fully pressed under moderate pressure, the vehicle should come to a smooth, straight stop. If the vehicle swerves or fails to stop, have the brake system checked and adjusted as required. When the brake pedal is fully pressed under heavy pressure, the pedal should feel firm and the distance between the back of the pedal and the floorboard should be a minimum of 1.25 inches (3.2 cm). Brake adjustment must be maintained so the brake pedal cannot be pressed to the floorboard under any circumstance.
- **Park brake:** When latched, the park brake should lock the wheels and hold the vehicle stationary on an incline of 20% or less.
- **Reverse buzzer:** The reverse buzzer should sound as a warning when the Forward/Reverse handle is in the REVERSE position.
- **Steering:** The vehicle should be easy to steer and should not have any play in the steering wheel. Be sure the steering wheel adjustment lever is securely locked into position.
- **Accelerator:** After starting the engine with the key switch and placing the Forward/Reverse handle in the FORWARD position, the vehicle should accelerate smoothly to full speed as the accelerator pedal is pressed. When the pedal is released it should return to the original position and the engine should idle. This vehicle operates at reduced speed in reverse.
- **Governor:** Check maximum vehicle speed. The vehicle should operate in forward at a maximum speed of 14 mph (22.5 km/h) on a level surface.
- **General:** Listen for any unusual noises such as squeaks or rattles. Check the vehicle's ride and performance. Have a dealer or a trained technician investigate anything unusual.

VEHICLE OPERATION

See General Warnings on page 12.

STABILITY

To maintain proper stability, the Café Express Deluxe SE vehicle must not be driven over curbs, or on steep slopes, fairways, or extremely uneven terrain. **See following WARNING.**

⚠ WARNING

- **Driving the vehicle over curbs, or on steep slopes, fairways, or extremely uneven terrain could cause vehicle rollover, resulting in serious injury or death.**

ENGINE SPEED

A Carryall 295 SE vehicle, with a Café Express Deluxe refreshment center installed, must have a maximum engine RPM of 3825 ± 30.

⚠ WARNING

- **Excessive speed can result in vehicle rollover. Engine RPM must be maintained at the specified setting.**

TIRES

SPECIFICATIONS	CAFÉ EXPRESS DELUXE SE VEHICLE
Tires	23x10.5-12 6-ply
Tire pressure	24-28 psi (1.65-1.93 Bars)

⚠ WARNING

- **All Café Express Deluxe SE vehicles must be equipped with 23x10.5-12 6-ply rated tires on all four wheels. Never install oversized tires on the vehicle. Oversized tires can increase the vehicle's maximum travel speed. Oversized tires can also raise the vehicle's center of gravity, reducing the vehicle stability.**
- **Never install tires that are rated below 6-ply on the vehicle. Less than 6-ply rated tires may not have sufficient side wall strength to adequately support the vehicle.**
- **Correct tire pressure is essential. Low air pressure will reduce vehicle travel speed and result in weakened tire sidewall strength. Tires with weakened sidewall strength will not adequately support the vehicle when making sharp turns.**
- **Tire pressure must be checked daily and adjusted as required on a regular basis.**

WINDSHIELD

The Café Express Deluxe SE vehicle is often driven in the opposite direction of play. This exposes the driver to the hazard of flying golf balls.

⚠ WARNING

- **A Club Car vehicle with a Café Express Deluxe refreshment center installed must be equipped with the one-piece windshield supplied with this kit to reduce the hazard of flying golf balls.**

LOADING

When stocking the Café Express Deluxe refreshment center, make sure the load weights are approximately equal in all lower (cold storage) compartments containing ice and/or beverages.

⚠ WARNING

- **An unevenly distributed load can reduce vehicle stability.**

WATER DRAIN VALVES

The three drain valves, located in the trash compartment of the base unit, are used to drain the ice compartments. **See following WARNING.**

- The valve on the passenger side of the base unit drains the passenger side consumable ice compartment.
- The valve on the driver side of the base unit, nearest the rear of the vehicle, drains the driver side consumable ice compartment.
- The valve on the driver side of the base unit, toward the front of the vehicle, drains the cold storage compartment.

⚠ WARNING

- **All three drain valves must always be open while the Café Express Deluxe refreshment center vehicle is in service. Leaving them closed will allow water from melting ice to collect in storage and beverage compartments. This water level will increase over time and the shifting weight of the water, when making turns, can cause reduced vehicle stability.**

DRIVING INSTRUCTIONS

⚠ WARNING

- **Only licensed drivers should be allowed to drive the vehicle.**
- **Before allowing anyone to drive the vehicle, make sure the driver is familiar with all controls and operating procedures.**
- **No one under the age of 16 years should be allowed to drive the vehicle.**
- **No more than one person per bucket seat at one time.**
- **Do not allow riders in the cargo bed.**
- **For night use, the vehicle must be equipped with headlights, taillights, and reflectors.**
- **The vehicle is not specially equipped for handicapped persons. Be sure all persons can properly operate the vehicle prior to allowing them to drive the vehicle.**
- **Be sure all passengers are capable of securing themselves in a vehicle before allowing them to ride in one.**
- **Do not shift the Forward/Reverse handle while the vehicle is in motion.**
- **Stop the vehicle before shifting the Forward/Reverse handle. Engine must be at idle before shifting the Forward/Reverse handle. Failure to do so may result in injury to inattentive passengers and (or) damage to the vehicle.**
- **To help avoid being struck, do not stand in front of or behind the vehicle.**
- **Do not leave children unattended on vehicle.**
- **Operate the vehicle from the driver seat only.**
- **To help prevent falls from the vehicle, remain seated and hold onto seat handles at all times. Driver should keep both hands on the steering wheel when the vehicle is in motion.**

WARNING CONTINUED ON NEXT PAGE

⚠ WARNING

- **To help prevent the possibility of serious injury, keep entire body inside vehicle.**
- **To help prevent vehicle from overturning, drive slowly in turns.**
- **To help prevent vehicle from overturning, drive slowly straight up and down slopes. Avoid driving the vehicle on slopes exceeding 20% incline.**
- **Avoid stopping a loaded vehicle on a hill. If a loaded vehicle must be stopped on a hill, avoid sudden starts or rolling backwards and stopping suddenly. Failure to heed this warning could result in the vehicle overturning.**
- **To help avoid possible injury to inattentive passengers and (or) damage to the vehicle, avoid sudden starts, sudden stops and abrupt turns.**
- **To help avoid the possibility of losing control of or overturning the vehicle, reduce speed for adverse driving conditions such as wet grass or rough terrain.**
- **Do not use the vehicle on public roads. It is neither designed nor intended for street use and should not be licensed for use on public roads.**
- **The vehicle should be driven in only specified areas by trained operators.**
- **Never attempt jumps.**
- **Keep away from drop-offs, steep slopes, and unstable surfaces.**
- **Avoid extremely hard braking in reverse.**
- **Do not drive while under the influence of alcohol, drugs, or medications.**
- **Use brakes to reduce speed when coasting downhill.**
- **This vehicle is not intended to be used where risk of falling objects exists. If your vehicle will be used in such an environment, contact your local dealer.**

No one should drive the vehicle without first being instructed in the proper operation and use of vehicle controls. An experienced operator should accompany each first-time driver on a test drive before allowing the driver to operate the vehicle alone.

To ensure safe operation of the vehicle, follow exactly and in order, all of the following procedures. Read and understand all instructions prior to driving the vehicle.

STARTING THE VEHICLE

1. Read safety and information decals located on the vehicle.
2. Be sure load, if any, is secure.
3. Study and understand all controls.
4. Be sure all passengers are seated and holding onto hand holds. Driver should have both hands on the steering wheel.
5. Make sure wheels are turned in desired direction and nothing is in your path.
6. Make sure the Forward/Reverse handle is in the NEUTRAL position.
7. Press and hold the brake pedal.
8. Turn the key to the START position and hold it there until the engine starts. Activate the choke as necessary. If the engine does not start after 10-15 seconds, release the key and repeat the procedure. Once the engine starts, release the key and it will return to the ON position. The engine will idle in neutral.
9. Release park brake.
10. While keeping the brake pedal engaged, select direction of travel by placing shift handle in desired position (F = forward or R = reverse). Engine must be at idle before moving shift handle. A buzzer will sound as a warning when the Forward/Reverse handle is in the REVERSE position.

11. Release the brake pedal completely, and then slowly press the accelerator pedal. As the accelerator pedal is pressed, the vehicle will begin to move. Vehicle speed will increase as the accelerator is pressed until full speed is reached. **See following WARNING.**

⚠ WARNING

- **Operator must control vehicle speed when going downhill.**
- **Never shift vehicle out of the FORWARD position while going downhill. If you do, you will not be able to shift into the REVERSE position or back into the FORWARD position until stopped.**
- **Press the brake pedal as necessary and press the accelerator pedal partially when descending a hill. With the accelerator pedal partially pressed, the governor will cause the engine to assist the brakes in controlling downhill speed.**

STOPPING THE VEHICLE

To stop the vehicle, release the accelerator pedal and press the brake pedal until the vehicle comes to a complete stop. **See following WARNING and CAUTION.**

⚠ WARNING

- **Driving through water may affect the brakes. After driving through water, check effectiveness of the brakes by gently pressing the brake pedal. If the vehicle does not slow down at the normal rate, continue to press the brake pedal until the brakes dry out and normal performance returns.**

⚠ CAUTION

- **When stopped on a hill, use the brake pedal to hold your position. Do not use the accelerator pedal to hold position.**

PARKING AND LEAVING THE VEHICLE

1. After stopping vehicle, firmly set the park brake until it is fully engaged and prevents the vehicle from rolling.
2. Turn the key switch to the OFF position, remove the key, and place the Forward/Reverse handle in the NEUTRAL position. Turn the fuel shut-off valve to the closed (OFF) position when the vehicle is not in use **(Figure 13)**.

REFRESHMENT CENTER

See General Warnings on page 12.

LOADING

When stocking the Café Express Deluxe refreshment center, make sure the load weights are approximately equal in all lower (cold storage) compartments containing ice and/or beverages.

⚠ WARNING

- **An unevenly distributed load can cause vehicle instability.**

REFRESHMENT CENTER COMPARTMENTS

Cold Storage Compartments

The cold storage compartments are designed to carry canned beverages and cooling ice. **See Safety Decal and Feature Identification on page 5.** Pre-packaged cold sandwiches and snacks can also be served from these compartments. It is recommended that they be kept on the snack shelves, or in a plastic container if placed directly on the ice, so that food will remain dry.

Pre-cooling the canned beverages will minimize the amount of ice required to keep the product cool. Maintaining ice in the cold storage compartments, when they are not in service, will help to maintain a colder temperature when the unit is put back into service. **See following WARNING.**

⚠ WARNING

- **Do not use the cold storage compartments to store unprotected food, or ice that is intended for human consumption. Failure to heed this warning could result in food poisoning.**

Consumable Ice Compartments

The consumable ice compartments, located in the rear driver and passenger sides of the Café Express Deluxe refreshment center should be used for consumable ice only. **See Safety Decal and Feature Identification on page 5.** In order to prevent contamination of consumable ice, do not place food in these compartments. Consumable ice should not be stored in any other compartment of the Café Express Deluxe refreshment center.

Trash Compartment

The trash compartment is located in the rear of the base unit where the valves to the drains are located. The compartment should be lined with a disposable plastic bag to maintain cleanliness. This compartment should not be used for storing or transporting consumable ice, drinks, or food.

WATER DRAIN VALVES

The three drain valves, located in the trash compartment of the base unit, are used to drain the ice compartments. **See following WARNING.**

- The valve on the passenger side of the base unit drains the passenger side consumable ice compartment.
- The valve on the driver side of the base unit, nearest the rear of the vehicle, drains the driver side consumable ice compartment.
- The valve on the driver side of the base unit, toward the front of the vehicle, drains the cold storage compartment.

⚠ WARNING

- **All three drain valves must always be open while the Café Express Deluxe refreshment center vehicle is in service. Leaving them closed will allow water from melting ice to collect in storage and beverage compartments. This water level will increase over time and the shifting weight of the water, when making turns, can cause reduced vehicle stability.**

ELECTRIC BED LIFT AND SAFETY CATCH

See General Warnings on page 12.

SAFETY CATCH

The safety catch is located at the rear of the underside of the bed. Use the following steps to engage the safety catch. **See following WARNING and CAUTION.**

⚠ WARNING

- **Remove all cargo before raising the bed or servicing the vehicle. Ensure that the safety catch is securely engaged. Do not close bed until all persons are clear of cargo bed area. Keep hands clear of all crush areas. Keep entire body clear. Failure to heed this warning could result in severe personal injury or death.**

CAUTION

- **The canopy frame must be disconnected from the top of the windshield frame before raising the bed. Failure to do so will result in vehicle or canopy damage.**

1. Remove canopy pins that secure the canopy frame to the top of the windshield frame.
2. Use the bed lift switch to raise the bed to its fully raised position.
3. Push the safety catch (1) toward the front of the vehicle until it locks into place **(Figure 11)**.
4. Use the bed lift switch to slowly lower the bed until the safety catch engages securely. **See following WARNING.**

⚠ WARNING

- **Use caution when working under bed. Be sure safety catch is secure, otherwise the bed could fall, resulting in severe personal injury or death.**

Use the following steps to disengage the safety catch:

1. Use the bed lift switch to fully raise the bed.
2. Disengage the safety catch (1) from the underside of the bed by it pulling away from underside of bed **(Figure 12)**.
3. Lower the bed using the bed lift switch and holding it in a down (DN) position. The bed lift mechanism will make a loud clicking sound to signal that the bed is in the rest position.
4. Connect the canopy frame to the top of the windshield frame by installing the canopy pins.

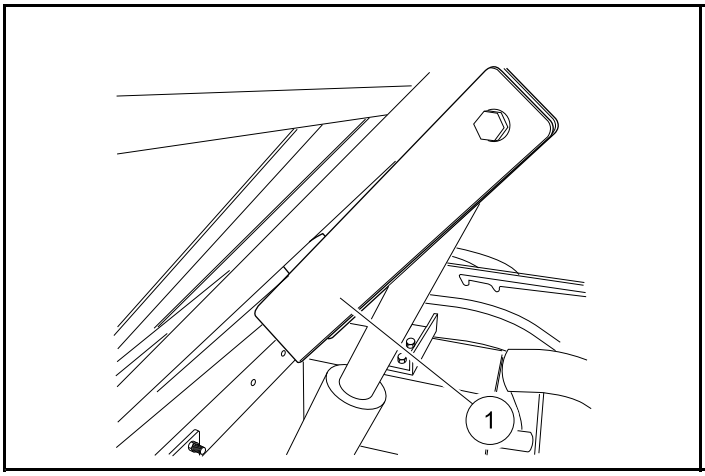

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Figure 11 Safety Catch – Engaged

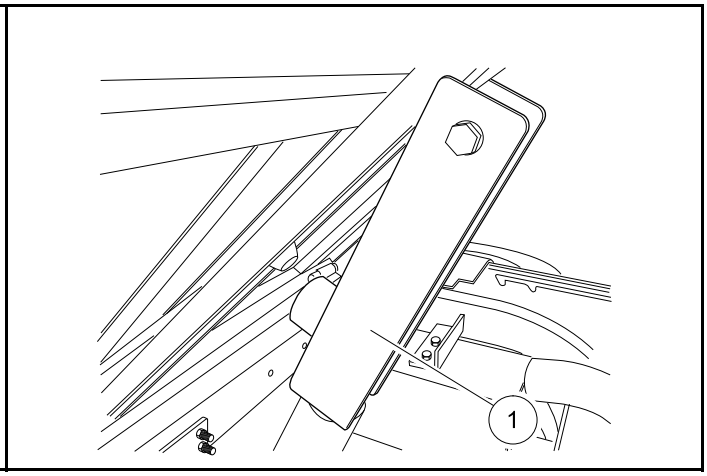

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Figure 12 Safety Catch – Disengaged

LOADING AND UNLOADING CARGO

See General Warnings on page 12.

⚠ WARNING

- **Firmly engage park brake before loading vehicle.**
- **Do not allow riders on the refreshment center.**
- **Reduce vehicle load and speed when driving up or down slopes or on uneven terrain.**
- **Do not exceed rated vehicle capacity. Rated capacity is for level surfaces only.**
- **Overloading can affect vehicle handling or cause component failure, resulting in loss of control of vehicle and possible severe personal injury or death.**
- **To help avoid shifting vehicle load and possibly overturning the vehicle, avoid sudden starts, sudden stops and abrupt turns. Make sure cargo is well secured.**
- **The cargo's center of gravity may affect handling, steering, and braking of the vehicle.**
- **Unload refreshment center before raising vehicle with a lift, hoist, or jack.**
- **Avoid stopping on a hill when loaded. If you must stop on a hill, avoid sudden starts, or rolling backwards and stopping suddenly. Failure to heed this warning may cause vehicle to overturn, possibly resulting in severe personal injury.**
- **Reduce speed and avoid sudden stops when backing up. Failure to do so may cause the vehicle to overturn or flip over backwards.**

When stocking the Café Express Deluxe refreshment center, make sure the load weights are approximately equal in all lower (cold storage) compartments containing ice and/or beverages.

⚠ WARNING

- **An unevenly distributed load can cause vehicle instability.**

See the following chart for vehicle capacities.

Maximum payload capacity (refreshment center load)	650 lb. (294 kg)
Maximum vehicle capacity (refreshment center load, plus driver)	850 lb. (385.5 kg)
Maximum gross vehicle weight (Fully loaded vehicle, including accessories)	3350 lb. (1519.1 kg)

Maximum payload capacity must be reduced accordingly when any option or accessory is installed on the vehicle. **See following NOTE.**

NOTE: *For example, a standard vehicle with an accessory weighing 235 lb. (107 kg) must reduce its maximum payload capacity by 235 lb. (107 kg).*

TOWING WITH THE VEHICLE

⚠ WARNING

- **Do not use the Café Express Deluxe SE vehicle for towing purposes.**

The Café Express Deluxe SE vehicle must not be used to tow trailers or other vehicles.

TRANSPORTING ON A TRAILER

⚠ WARNING

- **Turn the fuel shut-off valve to the closed (OFF) position.**
- **Do not allow riders in the trailer being towed.**
- **Avoid sudden starts, sudden stops, and tight turns when towing.**
- **Avoid stopping on a hill when towing. If you must stop on a hill, avoid sudden starts, or rolling backwards and stopping suddenly. Failure to heed this warning could cause the vehicle to overturn, possibly resulting in severe personal injury.**
- **Reduce normal driving speed when transporting a vehicle on a trailer.**
- **For use on public roads, the trailer must meet all federal, state, and local requirements such as taillights, brake lights, etc.**
- **Never tow a Club Car vehicle behind a passenger vehicle or truck on a public road unless it is on an approved trailer.**
- **The vehicle to be transported should be tied securely to the trailer, with the Forward/Reverse handle in the NEUTRAL position, the key switch in the OFF position, and the park brake firmly engaged to prevent movement.**
- **Because of the added length of the trailer, use caution when making turns.**
- **Do not transport the vehicle on a trailer with a load in the vehicle cargo bed.**
- **Remove the vehicle windshield and secure the seats before transporting on a trailer.**
- **Remove any loose items prior to transporting on a trailer.**

If the vehicle must be transported over long distances or on public highways, it should be transported on an approved trailer that has an approved load rating of 2000 lb. (908 kg) per vehicle being transported. **See following NOTE.**

NOTE: *A two-car trailer should be rated at 2 x 2000 lb. = 4000 lb. (2 x 908 kg = 1816 kg).*

STORAGE

See General Warnings on page 12.

⚠ DANGER

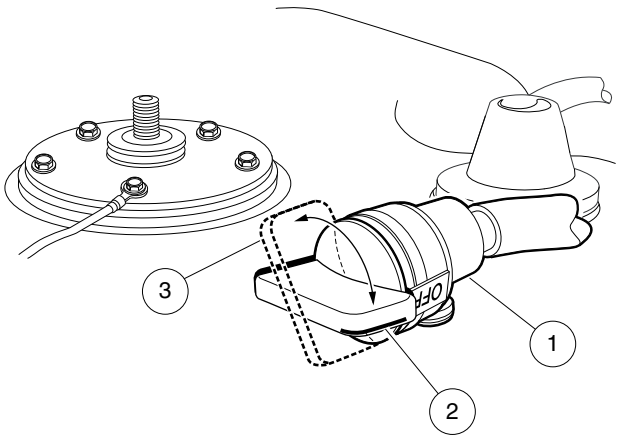
- **Do not attempt to drain fuel when the engine is hot or while it is running.**
- **Clean up any spilled fuel before operating the vehicle.**
- **Store fuel in an approved fuel container only. Store in a well-ventilated area away from sparks, open flames, heaters, or heat sources.**
- **Keep fuel out of the reach of children.**
- **Do not siphon fuel from the vehicle.**

⚠ WARNING

- **Turn the key switch to the OFF position, remove the key, and leave the Forward/Reverse handle in the NEUTRAL position during storage. This is to prevent unintentionally starting the vehicle or a fire hazard.**
- **Turn fuel shut-off valve to the closed (OFF) position (Figure 13).**
- **Do not attempt to charge frozen batteries or batteries with bulged cases. Discard the battery. Frozen batteries can explode.**

⚠ CAUTION

- **Batteries in a low state of charge will freeze at low temperatures.**



1. Fuel Shut-off Valve

2. Closed (OFF)

3. Open (ON)

NOTE: When selecting valve position, ensure that it is fully opened or fully closed.

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Figure 13 Fuel Shut-off Valve

PREPARING THE VEHICLE FOR EXTENDED STORAGE

1. Unload the vehicle so that the tires are supporting only the weight of the vehicle.
2. Store the vehicle in a cool, dry place. This will minimize battery self-discharge. If the battery appears to be weak, have it charged by a trained technician. Use an automotive-type 12-volt battery charger rated at 10 amps or less. Check electrolyte level after charging and add distilled water if necessary. If the battery is dead, see Using A Booster Battery (Jump Starting) on page 49.
3. Make sure the key switch is in the OFF position and the Forward/Reverse handle is in the NEUTRAL position. Chock the wheels.
4. Prepare the fuel tank.
   - 4.1. Fill the tank with fresh fuel.
   - 4.2. Following the manufacturer's directions, add a commercially available fuel stabilizer (such as Sta-Bil®). Run the engine in a well-ventilated area to allow treated fuel to replace untreated fuel in the carburetor.
   - 4.3. Disconnect the fuel vent line from the fuel tank vent nipple **(Figure 27)**.
   - 4.4. Plug the fuel tank vent nipple so that it is air tight. The manufacturer recommends using a slip-on vinyl cap.
5. Remove both spark plugs, and pour 1/2 ounce (14.2 mL) of SAE 10 weight oil through each of the two spark plug holes. Rotate the engine crankshaft by hand several times, then install both spark plugs.
6. Change engine oil. **See Engine Oil and Filter Change on page 40.**
7. Disconnect battery and spark plug wires. **See Disconnecting the Battery – Gasoline Vehicle on page 13**.
8. The battery should be clean and free of corrosion. Wash the battery top and terminals with a solution of baking soda and water (1 cup (237 mL) baking soda per 1 gallon (3.8 L) of water). Rinse the solution off the battery.

Do not allow this solution to enter the battery. Let the terminals dry and then coat them with Battery Terminal Protector Spray (CC P/N 1014305).

9. Adjust the tires to the recommended tire pressure. **See Vehicle Specifications on page 52.**
10. Perform semiannual periodic lubrication. **See Periodic Lubrication Schedules on page 37.**
11. Thoroughly clean the front body, rear body, seats, cargo bed, engine compartment, and underside of vehicle.
12. Do not engage the park brake. Chock the wheels to prevent the vehicle from rolling.

RETURNING THE STORED VEHICLE TO SERVICE

1. Make sure the key switch is in the OFF position and the Forward/Reverse handle is in the NEUTRAL position. Chock the wheels.
2. Restore the fuel system to operation **(Figure 27)**.
   2.1. Remove the plug from the fuel tank vent.
   2.2. Connect the vent tube to the fuel tank vent.
3. Connect battery and spark plug wires. **See Connecting the Battery – Gasoline Vehicles on page 14.**
4. Completely open the fuel shut-off valve **(Figure 13)**. Ensure the valve is fully open. A partially closed fuel shut-off valve combined with the use of the choke can result in a fouled spark plug and engine failure.
5. Place the Forward/Reverse handle in the NEUTRAL position. Crank the engine until fuel is pumped into the carburetor (gasoline vehicles) and the fuel lines (all vehicles) and the engine starts. Turn the engine off. **See following NOTE.**

NOTE: *Due to the oil added to the gasoline engine in preparation for storage, the engine may smoke excessively for a short time when it is run for the first time after storage.*

6. Perform the Pre-Operation and Daily Safety Checklist on page 22 and the Performance Inspection on page 23.

MAINTENANCE

See General Warnings on page 12.

To ensure trouble-free vehicle performance, follow an established preventive maintenance program. Regular and consistent maintenance can prevent vehicle downtime and expensive repairs. Use the Pre-Operation and Daily Safety Checklist on page 22, the Performance Inspection on page 23, and the following Periodic Service Schedule and Periodic Lubrication Schedule to keep the vehicle in proper working condition.

Any vehicle not functioning correctly should not be used until it is properly repaired. This will prevent further damage to the vehicle and help prevent injury to occupants resulting from unsafe conditions.

Contact your local Club Car dealer/distributor for repairs and semiannual and annual periodic service.

REFRESHMENT CENTER

The door latches and locks will require periodic tightening and adjusting. Periodically oiling the doors with a silicone spray lubricant is also recommended. The door locks should be lubricated on a monthly basis with a dry lubricant.

⚠ WARNING

- **Only trained technicians should service or repair the vehicle. Anyone doing even simple repairs or service should have knowledge and experience in electrical and mechanical repair. The appropriate instructions must be used when performing maintenance, service, or accessory installation.**
- **If any problems are found during scheduled inspection or service, do not operate vehicle until repairs are made. Failure to make necessary repairs could result in fire, property damage, severe personal injury, or death.**
- **Do not wear loose clothing or jewelry such as rings, watches, chains, etc., when servicing the vehicle.**
- **Turn key switch to the OFF position, remove the key, place the Forward/Reverse handle in the NEUTRAL position and chock the wheels prior to servicing.**
- **Moving parts: Do not attempt to service vehicle while engine is running.**
- **Hot! Do not attempt to service hot engine or exhaust system. Failure to heed this warning could result in severe burns.**
- **For vehicles with cargo beds, remove all cargo before raising the bed or servicing the vehicle. Ensure that the safety catch is securely engaged while bed is raised. Do not close bed until all persons are clear of cargo bed area. Keep hands clear of all crush areas. Do not drop cargo bed; lower gently and keep entire body clear. Failure to heed this warning could result in severe personal injury or death.**
- **Do not work on vehicle powertrain or under cargo bed when it is loaded.**
- **Turn fuel shut-off valve to the closed (OFF) position (Figure 13).**
- **To avoid unintentionally starting the vehicle disconnect battery and spark plug wires. See Disconnecting the Battery – Gasoline Vehicle on page 13.**
- **If wires are removed or replaced make sure wiring and wire harness are properly routed and secured. Failure to properly route and secure wiring could result in vehicle malfunction, property damage, personal injury, or death.**
- **Lift only one end of the vehicle at a time. Use a suitable lifting device (chain hoist or hydraulic floor jack) with 1000 lb. (454 kg) minimum lifting capacity. Do not use lifting device to hold vehicle in raised position. Use approved jack stands of proper weight capacity to support the vehicle and chock the wheels that remain on the floor.**
- **When servicing the vehicle with part of the vehicle on jack stands, do not operate the engine with the Forward/Reverse handle in either the FORWARD or REVERSE position.**

PERIODIC SERVICE SCHEDULES

⚠ WARNING

- **Service, repairs, and adjustments must be made per instructions in the appropriate maintenance and service manual.**
- **If any problems are found during scheduled inspection or service, do not operate vehicle until repairs are made. Failure to make necessary repairs could result in fire, property damage, severe personal injury, or death.**

NOTE: *If the vehicle is constantly subjected to heavy use or severe operating conditions, these preventive maintenance procedures should be performed more often than recommended in the Periodic Service and Lubrication Schedules.*

Both the Periodic Service Schedule and Periodic Lubrication Schedule must be followed to keep vehicle in optimum operating condition.

PERIODIC SERVICE SCHEDULE		
REGULAR INTERVAL	**SERVICE**	
Daily service by owner	Pre-Operation and Daily Safety Checklist	**See Pre-Operation and Daily Safety Checklist on page 22.**
	Performance Inspection	**See Performance Inspection on page 23.**
	Tires	Check air pressure and adjust as necessary to recommended pressure.
	Water drains and valves	Open all valves and flush lines with normal water pressure.
Daily service by owner or trained technician	Engine	Check engine oil level; add if necessary. **See Engine Oil Level Check on page 39.**
	Brakes	Check brake fluid; add if necessary. Check brake pedal for proper operation. **See Performance Inspection on page 23.**
Monthly service by owner or trained technician	Engine	Check engine circulating air passage; visually inspect unshrouded area around engine exhaust for grass and debris and clean if necessary.
	Transmission and differentials	Check lubricant levels. Add if necessary. **See Lubrication Level Check for Transmission and Rear Differential on page 43.**
	General vehicle	Wash engine compartment and underside of vehicle. Do not wash engine when hot.
	Water drains and valves	Clean and sanitize lines and compartments
	Door locks	Lubricate with a dry lubricant
Semiannual service by trained technician only (or every 50 hours of operation, whichever comes first)	Battery	Clean terminals and wash dirt from casing; check electrolyte level. Add distilled water if necessary. **See page 47.**
	Front wheel alignment and toe-in	Check and adjust if necessary. **See Steering and Front Suspension Section in the appropriate maintenance and service manual.**
	Electrical wiring and connections	Check for tightness and damage.
	Brake system	Inspect master cylinder, brake lines, and hoses for damage or leakage.
		Check park brake cables for damage; replace if necessary.
		Check brake pads and discs; replace if necessary. **For brake wear-in procedure, see Hydraulic Brakes in the Pre-Operation and Daily Safety Checklist on page 22. See also Brake System Section in the appropriate maintenance and service manual.**

PERIODIC SERVICE SCHEDULE		
REGULAR INTERVAL	**SERVICE**	
Annual service by trained technician only (or every 100 hours of operation, whichever comes first)	Engine	Check for leaks around gaskets, fill plugs, etc.
		Adjust valve clearance. **See Kawasaki FH680D Service Manual.**
		Inspect, clean, and gap spark plug; replace if necessary. See authorized dealer or trained technician for service.
	Engine air intake system	Replace air filter element. **See Air Intake System on page 45.**
		Check clamps for tightness; check hose for cracks.
	General vehicle	Check for loose hardware and tighten if necessary.
	Fuel filters	Replace. Dispose of used filters properly.
	Safety decals	Check safety decals. Replace if damaged or illegible.
Every 200 hours of operation by trained technician only.	Drive Belt	Inspect drive belt for cracks/damage. Replace if necessary.

PERIODIC LUBRICATION SCHEDULES

PERIODIC LUBRICATION SCHEDULE			
REGULAR INTERVAL	**SERVICE**	**LUBRICATION POINTS**	**RECOMMENDED LUBRICANT**
First change 10 hours; additional change every 100 hours of operation or annually, whichever comes first.	Change engine oil and oil filter	1	1 qt. and 19 oz (1.5L) with filter **See Oil Viscosity on page 42.**
Monthly by owner or trained technician	Driveshaft	2	Chassis Lube (EP NLGI Grade 2)
Semiannually by owner or trained technician (or every 50 hours of operation, whichever comes first)	**2009-2011 vehicles only:** Rear suspension (2 fittings)	3	Chassis Lube (EP NLGI Grade 2)
First change 50 hours; additional change every 300 hours of operation or annually, whichever comes first	Change rear differential lubricant	4	20 oz. (600 mL) Mobil 424, Exxon Hydraul 560, or Esso Hydraul 56 lubricant
	Change transmission lubricant	5	20 oz. (600 mL) Mobil 424, Exxon Hydraul 560, or Esso Hydraul 56 lubricant

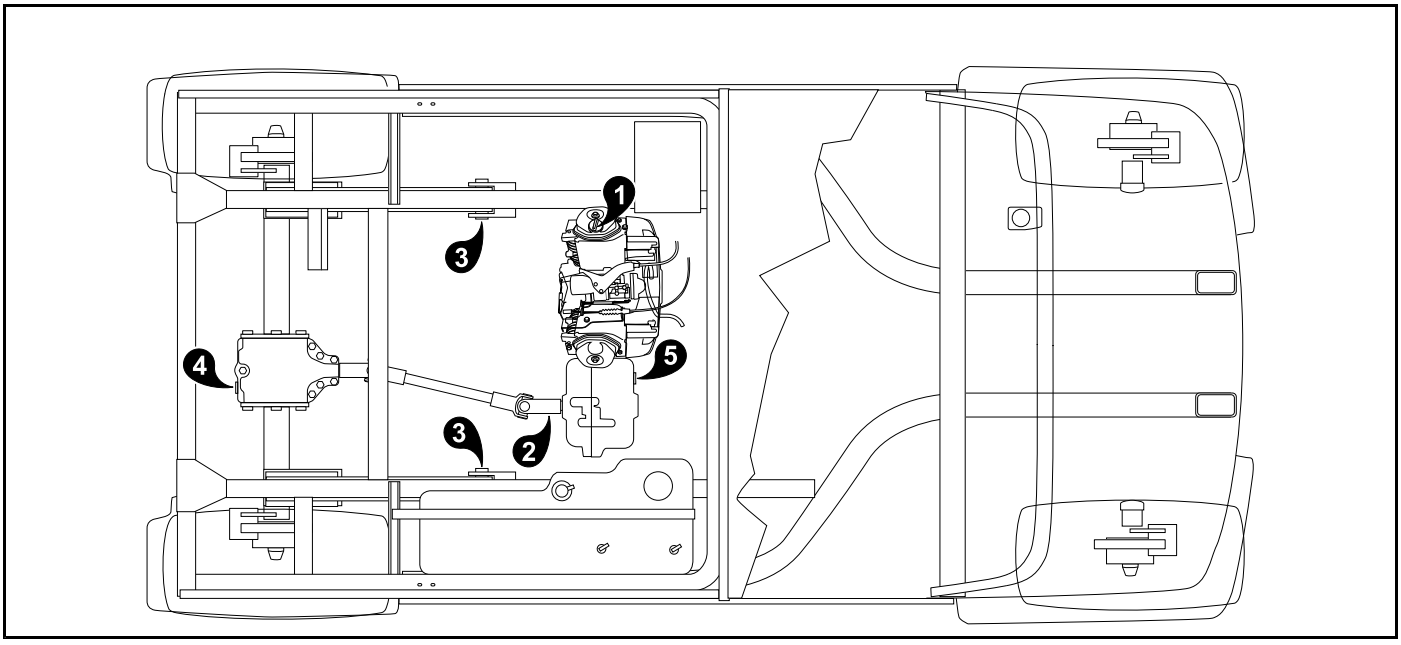

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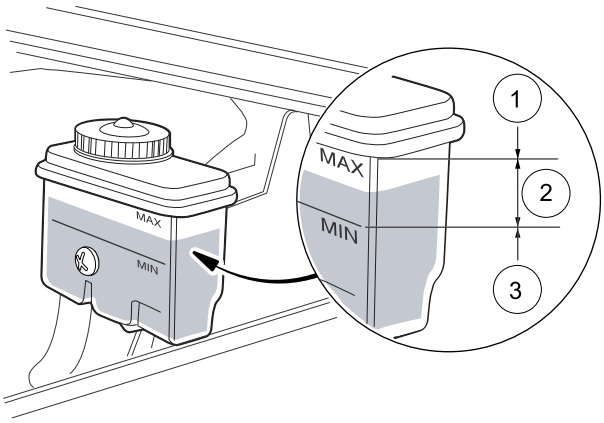
Figure 14 Lubrication Points

BRAKE FLUID RESERVOIR



1. Full Level 2. Safe Level 3. Low Level

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Figure 15 Brake Fluid Reservoir

The brake fluid reservoir (1) is located under the hood. Raise the hood to check the brake fluid level.

During the brake fluid level inspection, also inspect the following:

- The presence of brake fluid on the exterior surface of the master cylinder indicates a leak.
- The brake fluid reservoir diaphragm (located in the cap) should not have holes or other damage.

BRAKE FLUID

Brake fluid level should be within 1/4-inch (6 mm) from the top of the reservoir **(Figure 15)**. Also, brake fluid should be clean with no residue in the bottom of the reservoir or other evidence of contamination.

⚠ CAUTION

- **Use only DOT 5 (silicone) brake fluid. Use of any other type brake fluid is not recommended.**

ENGINE OIL

Even though the low oil warning light on the instrument panel should illuminate if the oil level becomes low, the engine oil level should be checked daily. The vehicle should be on a level surface when the oil is checked. Do not overfill the engine with oil.

OIL PRESSURE

The Kawasaki gasoline engine has an oil filter that is mounted on a bracket between and in front of the engine and transmission. Inlet and outlet oil-carrying hoses enable oil circulation to and from the engine. **See following NOTE.**

NOTE: *The normal oil pressure value stated in the Kawasaki engine manual is 35-45 psi at idle; however, the remote filter design causes oil pressure to be 18 psi, which is normal for this type of oil circulation design.*

ENGINE OIL LEVEL CHECK

1. Remove the oil level dipstick from the oil filler tube and wipe oil from the dipstick **(Figure 16)**. **See following CAUTION.**

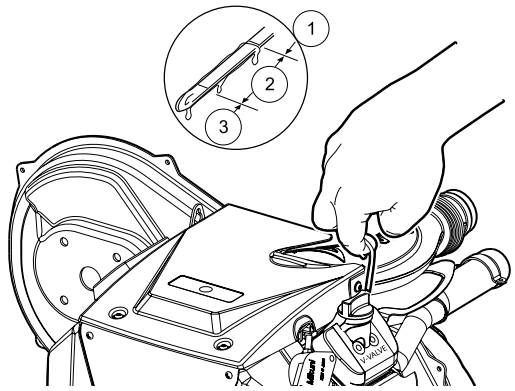
⚠ CAUTION

- **Do not remove dipstick while engine is running.**

2. Check oil level by fully inserting the dipstick into the tube and immediately removing it.
3. If the oil level is at or below the low level mark on the dipstick gauge, add oil to the engine until the level is between low and full levels (safe level). **See following CAUTION.**

CAUTION

- **Do not exceed recommended oil capacity. Doing so will decrease engine performance or result in damage to the engine.**



1. Full Level 2. Safe Level 3. Low Level

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Figure 16 Engine Oil Level Check

ENGINE OIL AND FILTER CHANGE

Engine oil and oil filter should be changed after the first 10 hours of operation. After that, the oil should be changed every 100 hours of operation or annually, whichever comes first.

Engine Oil Draining

1. Turn the key switch to the OFF position and remove the key. Place the Forward/Reverse handle in the NEUTRAL position. Chock the front wheels.
2. Disconnect battery and spark plug wires. **See Disconnecting the Battery – Gasoline Vehicle on page 13**.
3. Remove the oil filler cap to allow the oil to drain properly.
4. Position a pan designed for oil changes under the drain plug **(Figure 17)**.
5. From the underside of the vehicle, use a socket or wrench to remove the drain plug (1). Turn the plug counterclockwise and drain the engine oil into the pan. **See following WARNING.**

⚠ WARNING

- **Do not attempt to change engine oil when the engine is hot or even warm. Hot engine oil can cause skin burns.**
- **Wear safety glasses or approved eye protection when servicing the vehicle. Wear rubber gloves when handling oil drain plug, oil filter, and oil drain pan.**

6. Clean the oil drain plug threads with solvent to remove oil and oil residue. Make sure that the compression washer or sealing o-ring remains on the drain plug. Inspect the compression washer or the sealing o-ring and replace if necessary.
7. Use a socket or wrench to replace the oil drain plug (1) **(Figure 17)**. Turn the plug clockwise and tighten to 61 in-lb (6.9 N·m) for Kawasaki gas vehicles with plastic drain plugs or 14.5 ft-lb (20 N·m) for Kawasaki gas vehicles with metal drain plugs.

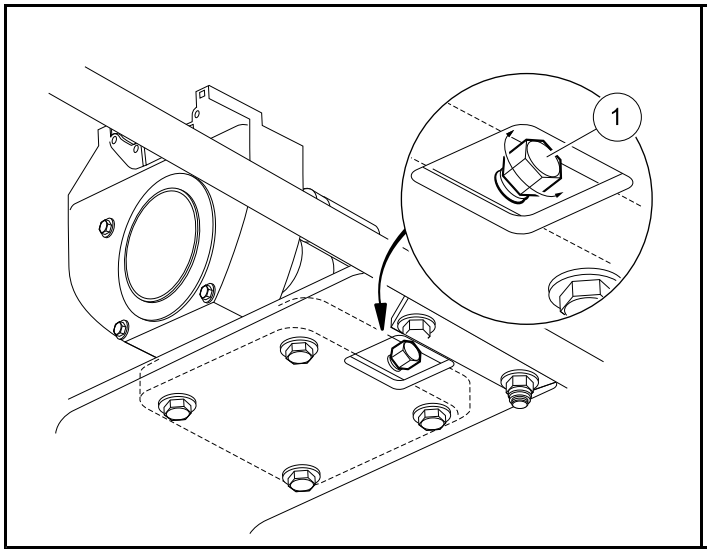

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Figure 17 Engine Oil Drain Plug and Pan

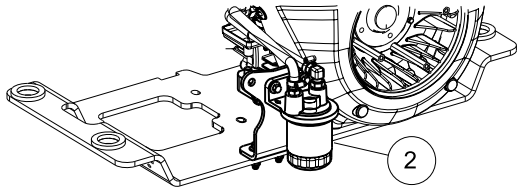

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Figure 18 Replace Engine Oil Filter

Engine Oil Filter Change

1. Drain the engine oil. **See Engine Oil Draining on page 40.**
2. Place the oil drain pan under the engine oil filter (2) **(Figure 18)**.

3. Remove the engine oil filter. Turn it counterclockwise and drain the residual oil in the filter port and filter into the oil drain pan. **See following NOTE.**

NOTE: *An oil drip guard can be used to prevent excess oil from dripping onto the engine base plate* ***(Figure 19)****. Use an empty quart (one liter) container and cut the bottom off at an angle, then slide the open area of the container up and under the oil filter before removal. Position the port of the plastic container so oil will be directed into the oil pan. A drip guard can be made by folding a piece of cardboard, thin metal, or plastic under the oil filter, forming a channel to direct the filter port oil into the drain pan.*

Dispose of used oil according to the environmental laws and regulations for your area.

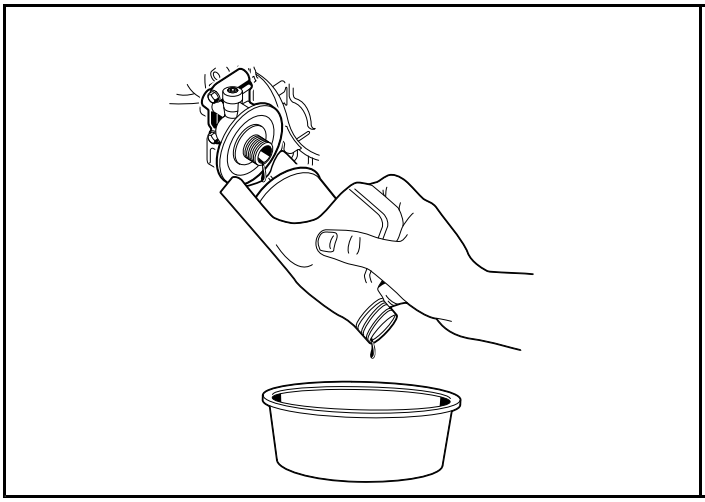

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Figure 19 Remove Engine Oil Filter

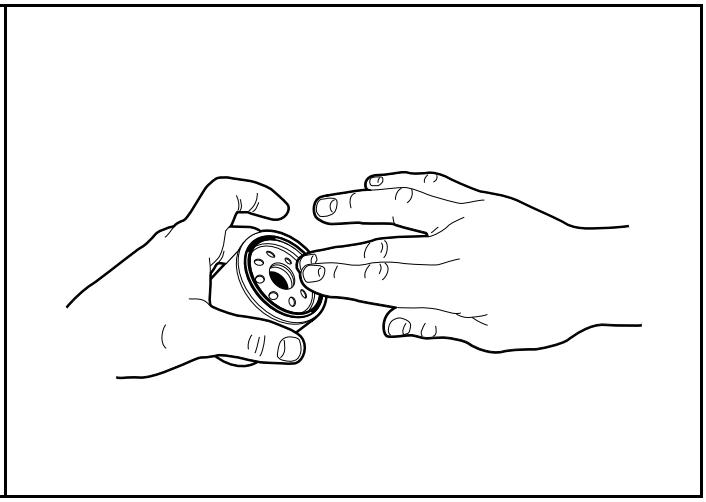

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Figure 20 Coat Rubber Seal

4. Use a clean rag to wipe the oil filter mounting bracket surface clean where the oil filter gasket seats.
5. Coat filter gasket with clean engine oil **(Figure 20)**. Install the new oil filter (gas: CC P/N 103887901). **See following NOTE.**

NOTE: *Only use oil filters designed for this engine.*

6. Hand tighten 2/3 to 3/4 turn after the filter gasket contacts the mounting surface.

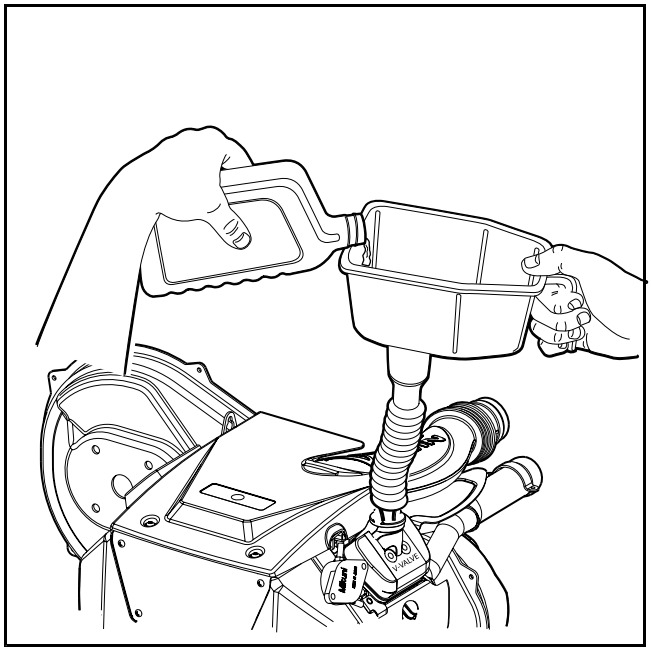

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Figure 21 Add Engine Oil

Engine Oil Filling

1. Add engine oil **(Figure 21)**. With filter change, the engine requires 1 qt. and 19 oz. (1.5 L) of oil per change.
2. Refer to oil viscosity guidelines for selection of oil grade **(Figure 22)**. **See following CAUTION.**

CAUTION

- **Do not exceed recommended oil capacity. Doing so will decrease engine performance or result in damage to the engine.**

3. Install the oil filler cap.
4. Connect battery and spark plug wires. **See Connecting the Battery – Gasoline Vehicles on page 14.**
5. With the Forward/Reverse handle in the NEUTRAL position, start and run the engine for three minutes and check for leaks. Observe both the drain plug and the oil filter from under the vehicle and watch for oil leaks. If the filter leaks, tighten an additional 1/4 turn and retest. If the oil drain plug leaks, re-torque and retest.

NOTE: *Wait a few minutes after turning off the engine before removing the dipstick.*

6. Remove the dipstick and check the engine oil as a final step. Replace the dipstick.

OIL VISCOSITY

Choose the viscosity according to the temperature as shown in the appropriate oil viscosity chart **(Figure 22)**. **See following NOTE.**

NOTE: *Use engine oil with API classification SJ for gasoline vehicles.*

Using multi-grade oils (5W-20, 10W-30, and 10W-40) may increase oil consumption. If multi-grade oil is used, check the oil level more frequently.

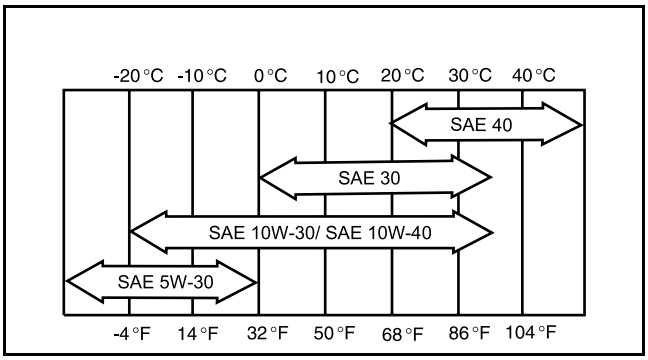

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Figure 22 Oil Viscosity Chart

GEARCASE LUBRICATION

NOTE: *Dispose of used oil according to the environmental laws and regulations for your area.*

LUBRICATION LEVEL CHECK FOR TRANSMISSION AND REAR DIFFERENTIAL

Each gearcase component is equipped with two oil port plugs (1 and 2) **(Figure 23 and Figure 24)**. When the vehicle is on a level surface, use the level indicator hole (upper plug) (1) as a lubricant level indicator. Lubricant level should be even with the bottom of level indicator hole (1).

NOTE: *For 2012 and newer vehicles, do not use the fill hole in the rear differential as a lubricant level indicator.*

LUBRICATION CHANGE FOR TRANSMISSION AND REAR DIFFERENTIAL

Use the lower plug (2) for drainage **(Figure 23 or Figure 24)**. Remove both plugs to allow the lubricant to drain faster. **See preceding NOTE.** Use the lower plug (2) for drainage **(Figure 23 and Figure 24)**. Remove both plugs to allow the lubricant to drain faster. **See preceding NOTE.**

Metal particles may be discovered in the fluid or on the magnetic drain plug when changing the differential or transmission fluid. These particles are normal and expected for the first few fluid changes. This is a result of the gears being “net forged”, meaning the gears are forged to a shape very close to the final gear size but the teeth are not finish machined prior to assembly. The “finish machining” occurs when the gears make contact under load during vehicle operation. The magnetic drain plug is included in the design to collect the metal particles generated from the gear break in process. This is an established process and is not detrimental to gear service life.

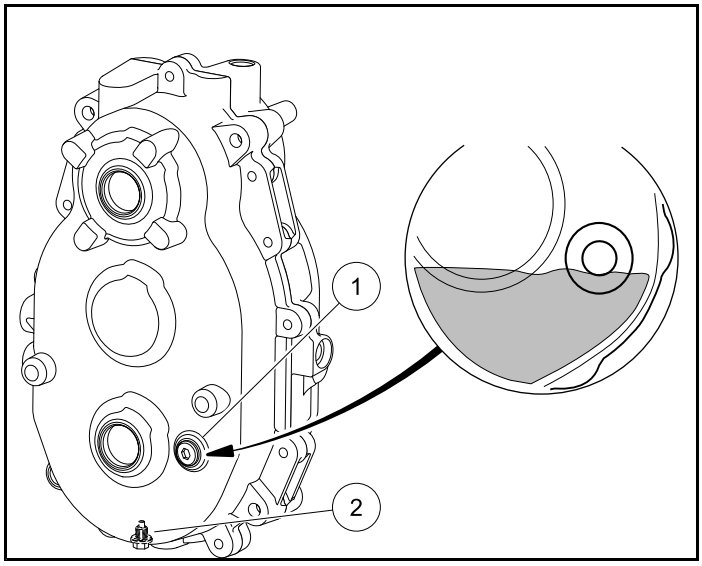

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Figure 23 Transmission Lubrication Level

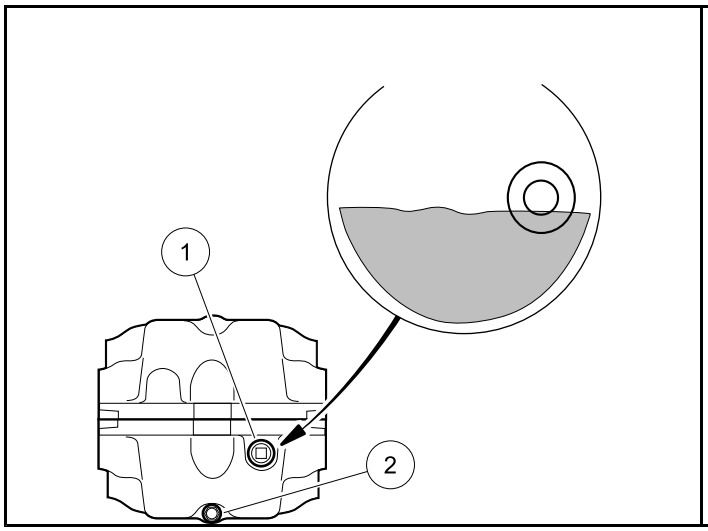

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Figure 24 Rear Differential Lubrication Level (2009-2011 vehicles)

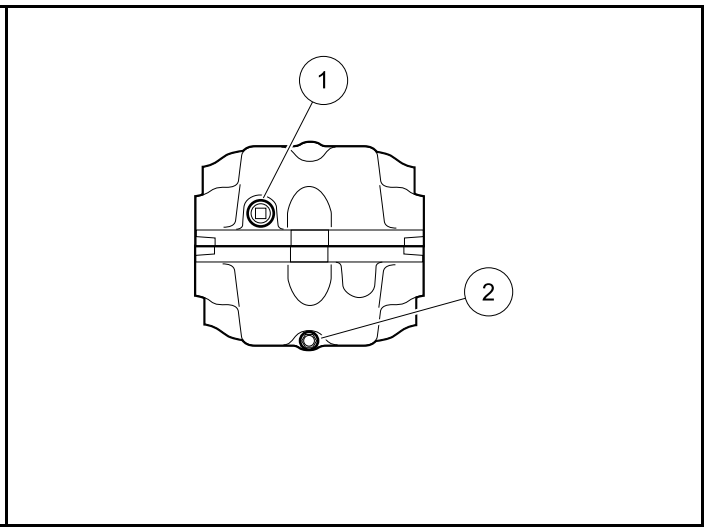

Figure 25 Rear Differential Fill and Drain Plugs (2012 and newer vehicles)

Transmission:

Clean and install the drain plug (2) before filling the transmission with new lubricant **(Figure 23)**. Tighten the drain plug to 96 in-lb (11 N·m). Remove the fill plug from the top of the transmission case and use a funnel to fill the transmission with lubricant. **See Periodic Lubrication Schedules on page 37.** Apply Loctite 567 to the threads of the fill plug and tighten to 21 ft-lb (28 N·m).

Check the level of lubricant at the level indicator plug (1). Apply Loctite 567 to the threads of the level indicator plug and tighten to 21 ft-lb (28 N·m).

Rear differential (2009-2011 vehicles):

Clean and install the drain plug (2) and washer before filling the rear differential with new lubricant **(Figure 24)**. Tighten the drain plug to 96 in-lb (10.8 N·m). Use a funnel to fill the differential through the lubricant level indicator hole (1). **See Periodic Lubrication Schedules on page 37.** Apply Loctite 567 to the threads of the level indicator plug and tighten to 21 ft-lb (28 N·m).

Rear differential (2012 and newer vehicles):

Clean and install the drain plug (2) and washer before filling the rear differential with new lubricant **(Figure 25)**. Tighten the drain plug to 96 in-lb (10.8 N·m). Use a funnel to fill the differential through the fill hole (1). **See Periodic Lubrication Schedules on page 37.** Apply Loctite 567 to the threads of the fill plug and tighten to 21 ft-lb (28 N·m).

AIR INTAKE SYSTEM

CAUTION

- **Do not drill into the driver-side frame. Failure to heed this caution could damage the engine by allowing excessive contamination to enter the air intake system.**

AIR FILTER REPLACEMENT

The air filter should be inspected periodically and replaced when necessary. Filter changes should not exceed the recommended interval. **See Periodic Service Schedules on page 34.** More frequent service may be required in extremely dirty operating environments. In the event of a loss of power, sluggish acceleration, or a roughly running engine, service the air filter immediately.

Air Filter Removal

1. Raise the cargo bed, and locate the air filter canister.
2. Release both canister tab locks **(Figure 26)**.
3. Pull the canister cap away from the canister.
4. Remove the air filter cartridge (1). **See following NOTE.**

NOTE: *The air filter cartridge is specifically designed for this engine. It only fits into the canister one way. Use only the Club Car part (CC P/N 102498601) designed for this engine.*

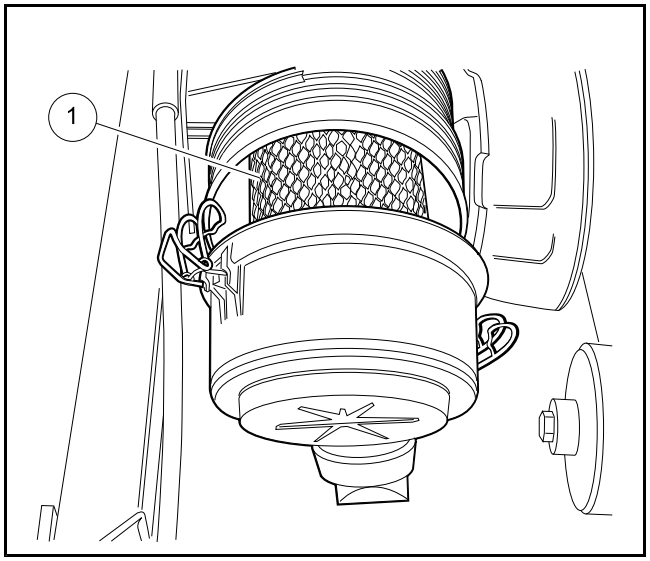

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Figure 26 Air Filter Cartridge

Air Filter Installation

1. Push the new air filter cartridge onto the nozzle inside the canister.
2. Place the canister cap, marked TOP, on the top center of the canister.
3. Secure the canister cap with both tab locks.

FUELING INSTRUCTIONS

See General Warnings on page 12.

⚠ DANGER

- **Turn the key switch to the OFF position before fueling.**
- **Do not pour fuel into the fuel tank when the engine is hot or while it is running.**
- **To avoid electric arc caused by static electricity, the fuel storage/pumping device must be grounded. If the pump is not grounded, the vehicle must be grounded to the pump before and during the fueling operation.**
- **To avoid the possibility of fire, clean up any spilled fuel before operating the vehicle.**

1. Remove the fuel cap and fill the tank with fuel. **See preceding DANGER and following CAUTION.**

CAUTION

- **Gasoline vehicles: Use unleaded gasoline only.**
- **Whenever possible, avoid using oxygenated and blended fuels.**

caution continued on next page

CAUTION

- **Do not use any fuel with an alcohol content that exceeds 10% by volume (such as E85). Ethanol is an alcohol that readily absorbs moisture causing corrosion of fuel system components. It also damages neoprene and other plastic and rubber components. Use of these fuels in this vehicle will void the warranty.**

2. Replace the fuel cap. Ensure that the cap is tightened securely.
3. Clean any spilled fuel from the cap or around the fuel cap area.

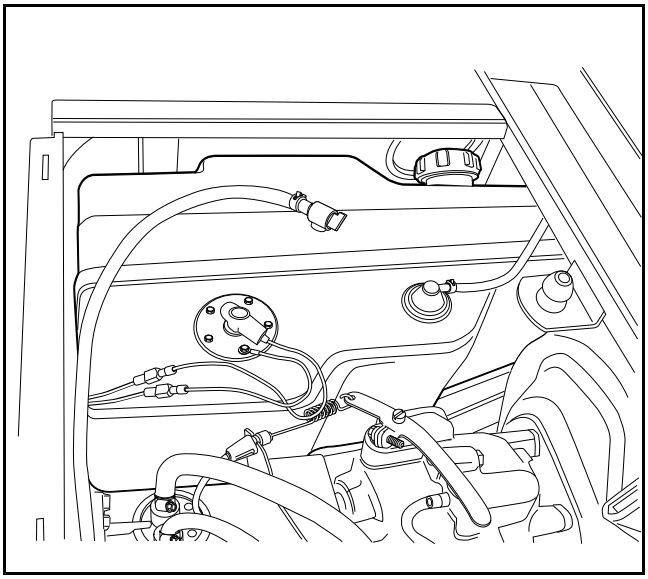

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Figure 27 Fuel Tank

BATTERY

See General Warnings on page 12.

⚠ DANGER

- **Battery – Explosive gases! Do not smoke. Keep sparks and flames away from the vehicle and service area. Ventilate when charging or operating vehicle in an enclosed area. Wear a full face shield and rubber gloves when working on or near batteries.**
- **Battery – Poison! Contains acid! Causes severe burns. Avoid contact with skin, eyes, or clothing. Antidotes:**
  - **External: Flush with water. Call a physician immediately.**
  - **Internal: Drink large quantities of milk or water followed with milk of magnesia or vegetable oil. Call a physician immediately.**
  - **Eyes: Flush with water for 15 minutes. Call a physician immediately.**
- **Tools, wires, and metal objects can cause sparks when shorted across a battery.**

⚠ WARNING

- **Wear safety glasses or approved eye protection when servicing the vehicle.**
- **Follow all instructions carefully when working with batteries.**
- **When jumping from a booster battery make final (negative) connection at engine frame.**
- **Do not jump start or charge a frozen or damaged battery. Unplug charger before connecting or disconnecting cables to the battery. Never lean over battery while boosting, testing, or charging.**

The battery in this vehicle is a 12-volt, low-maintenance battery that requires infrequent checks **(Figure 28)**. Electrolyte level should be checked semiannually.

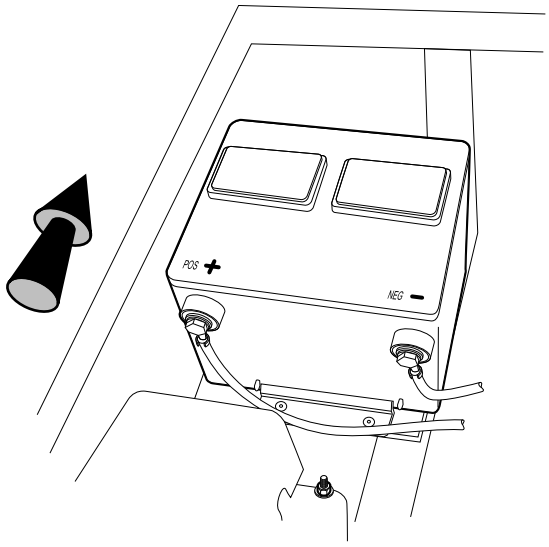

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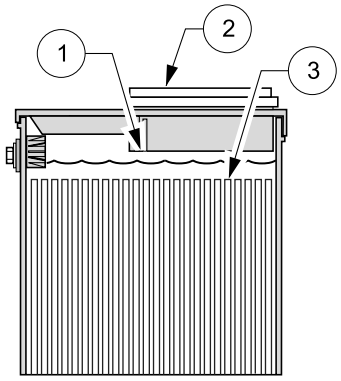
Figure 28 Battery



1. Level Indicator 2. Cap 3. Plates

Electrolyte level at least 1/2 inch (13 MM) above plates or to level indicator.

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Figure 29 Battery Electrolyte Level

1. Turn the key switch to the OFF position and remove the key. Place the Forward/Reverse handle in the NEUTRAL position. Chock the wheels.
2. Access the engine compartment. **See WARNING "For vehicles with cargo beds..." in General Warnings on page 12.**
   2.1. Remove the driver-side seat.
3. Disconnect battery and spark plug wires. **See Disconnecting the Battery – Gasoline Vehicles on page 13.**
4. Use a flat-blade screwdriver, and carefully remove the battery cell caps from the battery. **See following WARNING.**

⚠ WARNING

- **Wear safety glasses or approved eye protection when servicing the vehicle. Wear a full face shield and rubber gloves when working on or near batteries.**

5. Carefully check the electrolyte level and add distilled water if necessary. Do not fill the battery cells above the designated fill line. Replace battery cell caps.
6. Clean both battery terminals with a solution of baking soda and water (1 cup (237 mL) baking soda per 1 gallon (3.8 L) of water). Rinse thoroughly. Do not allow this solution to enter the battery. Be sure terminals are tight. Let the terminals dry and then spray them with Battery Terminal Protector Spray (CC P/N 1014305). **See Connecting the Battery – Gasoline Vehicles on page 14. See following WARNING.**

⚠ WARNING

- **If battery wire terminals are damaged or corroded, replace or clean them as necessary. Failure to do so may cause them to overheat during operation and could result in a fire, property damage, or personal injury.**

Be sure the battery hold-down clamp is properly tightened. Tighten to 108 in-lb (12.2 N·m). A loose clamp may allow the battery to become damaged from vibration or jarring.

If battery appears weak, have it charged by a trained technician. The battery should never be left discharged any longer than absolutely necessary (do not leave discharged overnight).

USING A BOOSTER BATTERY (JUMP STARTING)

⚠ WARNING

- **Wear safety glasses or approved eye protection when servicing the vehicle. Wear a full face shield and rubber gloves when working on or near batteries.**
- **When jumping from a booster battery make final connection (negative) at engine frame.**
- **Do not jump start or charge a frozen or damaged battery. Unplug charger before connecting or disconnecting cables to the battery. Never lean over battery while boosting, testing, or charging.**

If it is necessary to use a booster battery to start the engine, BE CAREFUL!

1. Turn the key switch to the OFF position. Place the Forward/Reverse handle in the NEUTRAL position, engage the park brake, and chock the wheels.
2. Ensure the booster battery is 12-volt. **See following NOTE.**

NOTE: *A starting battery is recommended but a deep cycle battery can be used if necessary.*

3. Access the engine compartment by raising the cargo bed. **See WARNING "For vehicles with cargo beds..." in General Warnings on page 12.**
4. Locate the vehicle battery on the driver's side of the vehicle under the cargo bed **(Figure 30)**.
5. Connect the end of the first cable (1) to the positive (+) terminal of the booster battery. Connect the other end of the same cable (2) to the positive terminal of the vehicle battery. **See DANGER "Battery – Explosive gases!..." in General Warnings on page 12.**
6. Connect the end of the second cable (3) to the negative (–) terminal of the booster battery. Connect the other end of the same cable (4) to the battery frame ground.
7. Sit in the driver's seat and start the engine.
8. After the engine has started, remove the frame ground (–) cable (4) first. Remove the cable from the positive terminal (2). Then remove the cables from the booster battery. **See following CAUTION.**

CAUTION

- **The alternator can be damaged if the following actions occur:**
  - **Engine is operated with battery cables disconnected.**
  - **Booster cables are connected wrong.**

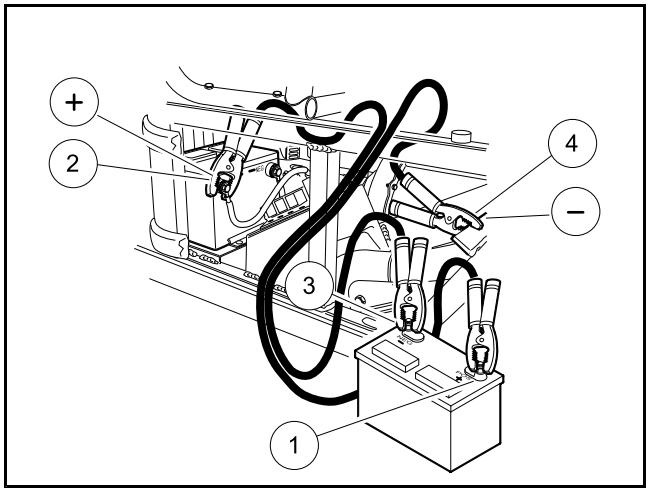

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Figure 30 Jump Starting

CLEANING THE VEHICLE AND REFRESHMENT CENTER

See General Warnings on page 12.

VEHICLE

Each vehicle is equipped with hand-washable front and rear bodies. Use a commercial automotive cleaning solutions with a sponge or soft cloth for normal cleaning. A garden hose at normal residential water pressure is adequate. To remove oxidation or discoloration from aluminum, use a commercially available aluminum cleaner paste and fine grade (No. 00) steel wool.

Club Car does not recommend any type of pressure washing or steam cleaning. Such a process will expose electrical components to moisture. Moisture entering electrical components can result in water damage and subsequent component failure.

Use non-abrasive wax products. Battery acid, fertilizers, tars, asphalt, creosote, paint, or chewing gum should be removed immediately to prevent possible stains.

The seats of the vehicle will last longer with proper cleaning. Use a solution of 10% liquid soap and warm water applied with a soft cloth. For imbedded dirt, a soft bristle brush may be used. For heavy soiling, difficult stains, or scratches, blemishes, or other body damage, see the appropriate maintenance and service manual. **See following NOTE.**

NOTE: *Dispose of waste water properly.*

WINDSHIELD

Use only mild liquid dishwasher soap with a sponge or soft cloth for cleaning the windshield. **See following CAUTION.**

CAUTION

- **Do not use glass-cleaning products on the windshield.**

REFRESHMENT CENTER

Interior Aluminum Surfaces

The interior surfaces of the refreshment center should be cleaned and sanitized daily with an approved product before being used. Check with local Health Department for rules and regulations in your area.

Exterior Aluminum Surfaces

The exterior surfaces should be cleaned on a daily basis using a soap and water solution. Periodic cleaning with an aluminum or stainless steel cleaner is recommended. **See following CAUTION.**

CAUTION

- **Using abrasive cleaners on aluminum and stainless steel will damage or scratch the surfaces. Use a soft cloth with an industrial type stainless steel cleaner/polish to clean the aluminum and stainless steel surfaces.**

Drains

See Periodic Service Schedules on page 34.

Clear Plastic Doors

The clear plastic panels on the doors should be cleaned daily with a mild soap and water solution. Dry with a clean, damp chamois. Do not use window cleaning sprays or paper towels.

Polypropylene

The polypropylene doors should be cleaned daily with a soap and water solution.

Canopy Cover

Periodically clean the canopy cover by spraying the fabric with water and allowing fabric to dry on the canopy frame.

ACCESSORIES

There is a complete line of accessory equipment available from Club Car and our dealers/distributors. You can obtain the name and phone number of your closest Club Car contact by visiting our web site at www.clubcar.com and clicking the "*Dealer Locator*" link.

Care should be taken that these accessories are properly installed by trained technicians, and that they are used in the manner for which they were designed. **See following WARNING and CAUTION.**

⚠ WARNING

- **Custom cab assemblies, canopy tops, weatherproof enclosures, and windshields will not protect occupants from flying objects.**
- **If the vehicle is equipped with an electric powered bed lift, remove the refreshment center before servicing the bed lift system.**

CAUTION

- **Do not drill into the driver-side frame. Failure to heed this caution could damage the engine by allowing excessive contamination to enter the air intake system.**

SUBSEQUENT OWNER REGISTRATION

In the event a vehicle is bought as a used vehicle, we strongly urge the new owner to register the vehicle with the nearest dealer. This will enable us to contact you if the need arises.

VEHICLE SPECIFICATIONS

NOTE: *Club Car, LLC reserves the right to change specifications and design of its vehicles at any time without notice and without obligation to make these changes on units previously sold.*

SPECIFICATIONS	CAFÉ EXPRESS DELUXE SE
POWER SOURCE	
Engine: (Kawasaki) 4-cycle OHV, 675 cc, 23.0 maximum HP @3600 RPM (per SAE J 1940/1349), twin-cylinder, air-cooled, with pressure lubrication system	•
Fuel system: Side-draft carburetor with float bowl, fixed jets, fuel filters, and impulse fuel pump	•
Governor: internal to engine, centrifugal ball	•
Ignition: Transistorized magneto	•
Transmission: Forward and reverse with neutral (5.39:1 forward, 7.79:1 reverse)	•
Electrical system: 12 volt, 500 cca at 0 °F (-17.8 °C), 650 at 32 °F (0 °C). 105-minute reserve capacity and 35-amp charging capacity	•
Torque converter: Automatic, variable-speed, dry type	•
STEERING/SUSPENSION/BRAKES	
Suspension: **Front:** Independent double A-arms with coil-over shock absorbers **Rear (2009-2011 vehicles):** Swing arms with coil-over shock absorbers **Rear (2012 and newer vehicles):** Semi-independent four-link suspension with coil-over shock absorbers	•
Steering: Self-adjusting rack and pinion, Ackerman	•
Brakes: Hydraulic brake system – brake pads and discs on each wheel with separate foot-operated park brake	•
BODY/CHASSIS	
Frame/Chassis: Box tube aluminum	•
Side and rear body: Plastic	•
Cargo bed: Powder-coated steel or aluminum	•
Front body: Geloy XTWM206	•
Tires: 23x10.5-12 6-ply rated	•
DIMENSIONS/WEIGHT	
NOTE: Items marked with an asterisk (*) indicate approximate values.	
***Overall length** (box bed configuration, without brush guard):	154 in. (391.2 cm)
Overall width:	58.5 in. (148.5 cm)
***Overall height**	80.3 in. (203.8 cm)
Wheelbase	114 in. (289.5 cm)
Ground clearance (under differential)	8.2 in. (20.8 cm)
Front and rear wheel tread	48.8 in. (124 cm)
Forward speed	14 mph (22.5 km/h)
Governed RPM	3825
Turning radius	204 in. (518.2 cm)

SPECIFICATIONS	CAFÉ EXPRESS DELUXE SE
Load bed height	34 in. (86.4 cm)
Vehicle weight (refreshment center empty)	1474 lb. (668.5 kg)
Maximum vehicle capacity (loaded refreshment center, plus driver, level surface only)	850 lb. (385.5 kg)
Maximum payload capacity (refreshment center load, level surface only)	650 lb. (294 kg)
Maximum gross vehicle weight (fully loaded vehicle, including accessories)	3350 lb. (1519.1 kg)
Standard seating capacity	1
LIQUID CAPACITIES	
Engine crankcase with filter: SAE 10W-30, API classification SJ	1 qt. and 19 oz. (1.5 L)
Rear differential: Mobil 424, Exxon Hydraul 560, or Esso Hydraul 56 lubricant	20 oz. (600 mL)
Transmission: Mobil 424, Exxon Hydraul 560, or Esso Hydraul 56 lubricant	20 oz. (600 mL)
Brake fluid: DOT 5 (silicone) brake fluid	17.9 oz. (530 ml)
Fuel tank: unleaded gasoline	6.5 gallons (24.6 L)
TIRE PRESSURE	
Tires	24 - 28 psi (1.65 - 1.93 Bars)

CAFÉ EXPRESS DELUXE SE REFRESHMENT CENTER INSTALLATION

GENERAL INFORMATION

Review the following instructions and safety precautions before beginning installation procedures.

NOTE: *Installation of the upper cabinets, canopy frame and canopy will require the aid of an assistant.*

Observe the following DANGER and WARNING statements and procedures. Failure to do so may result in severe personal injury and (or) damage to the vehicle or property:

⚠ DANGER

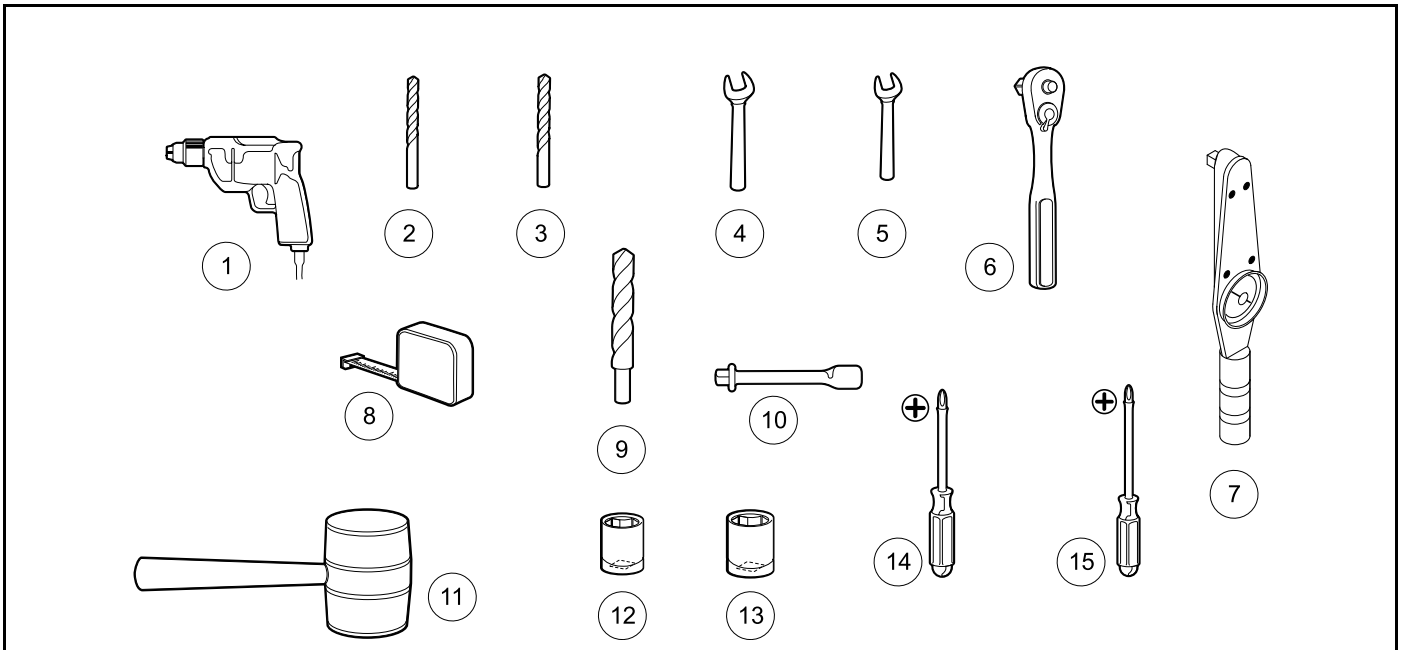
- **Gasoline – Flammable! Do not smoke. Keep sparks and flames away from vehicle and service area. Tools, wires, and metal objects can cause sparks when "shorted" across a battery. Use insulated tools. Extreme care should be taken when disconnecting batteries. When wires are disconnected, be sure to keep them away from battery posts and other wires. Service only in well-ventilated areas.**
- **Do not operate engine in an enclosed area without proper ventilation. The engine produces carbon monoxide, which is an odorless, deadly poison.**
- **Battery – Explosive gases! Do not smoke. Keep sparks and flames away from the vehicle and service area. Ventilate when charging or operating vehicle in an enclosed area. Wear a full face shield and rubber gloves when working on or near batteries.**

⚠ WARNING

- **Only trained technicians should repair or service this vehicle. Anyone doing even simple repairs or service should have knowledge and experience in electrical and mechanical repair. Follow all procedures exactly and heed all warning statements in these instructions.**
- **Wear safety glasses or approved eye protection while servicing vehicle.**
- **Turn key switch to the OFF position, place the Forward/Reverse handle in the NEUTRAL position, and remove the key prior to servicing.**
- **Do not wear loose clothing or jewelry such as rings, watches, chains, etc. when servicing vehicle.**
- **To avoid unintentionally starting the vehicle disconnect battery and spark plug wire. See Disconnecting the Battery – Gasoline Vehicle on page 13.**

REFRESHMENT CENTER KIT

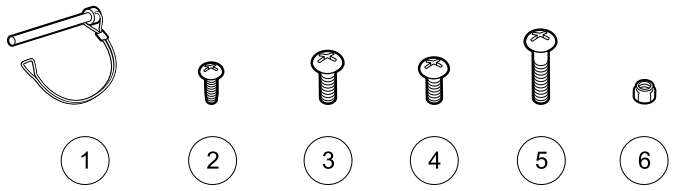
Tools Required



1		3/8-Inch Hand Drill	9		1/2-Inch Drill Bit
2		7/32-Inch Drill Bit	10		4-Inch Long 3/8-Drive Extension
3		5/16-Inch Drill Bit	11		Rubber Mallet
4		1/2-Inch Open-End Wrench	12		7/16-Inch, 1/4-Inch Drive Socket
5		7/16-Inch Open-End Wrench	13		1/2-Inch, 3/8-Inch Drive Socket
6		Ratchet	14		#3 Large Phillips-Head Screwdriver
7		Torque Wrench (10-200 in-lb)	15		#2 Medium Phillips-Head Screwdriver
8		Measuring Tape			

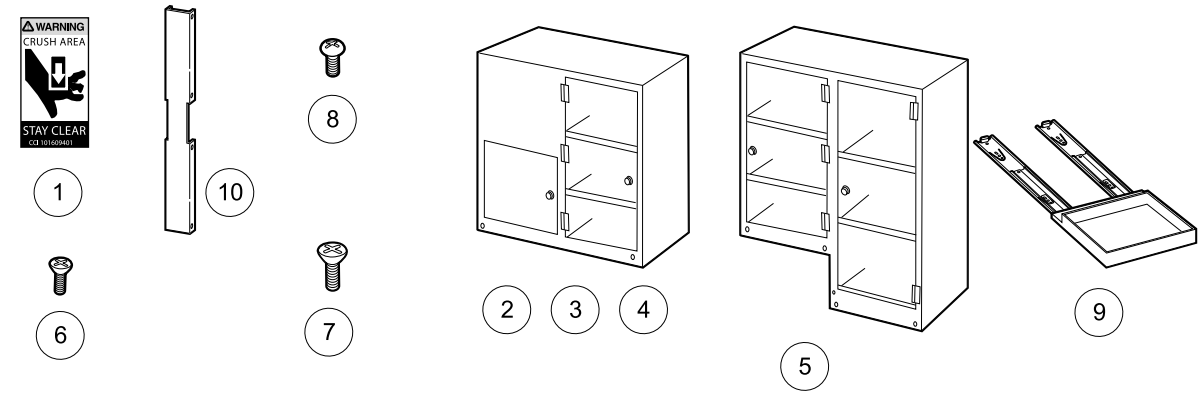
Figure 31 Tools Required

Parts in Kit



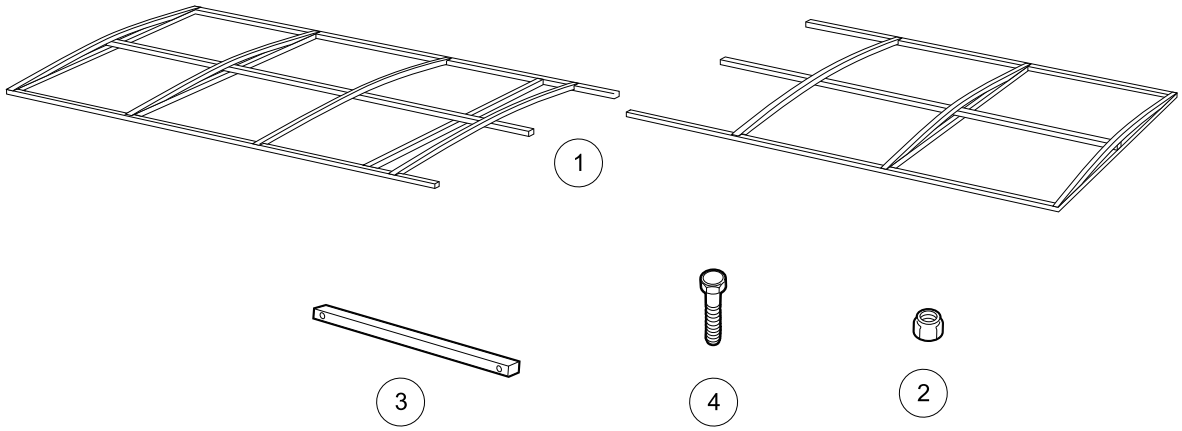
1	102160901	19th Hole Retaining Pin	4		#10-24 x 3/4 Phillips-Head Machine Screw
2		#8-32 x 1/2 Phillips-Head Stainless Steel Machine Screw	5		1/4-20 x 1-1/2 Phillips, Stainless Steel Truss-Head Machine Screw
3		1/4-20 x 3/4 Truss-Head Stainless Steel Machine Screw	6		#10-24 Nylon Locknut

Figure 32 Kit Hardware



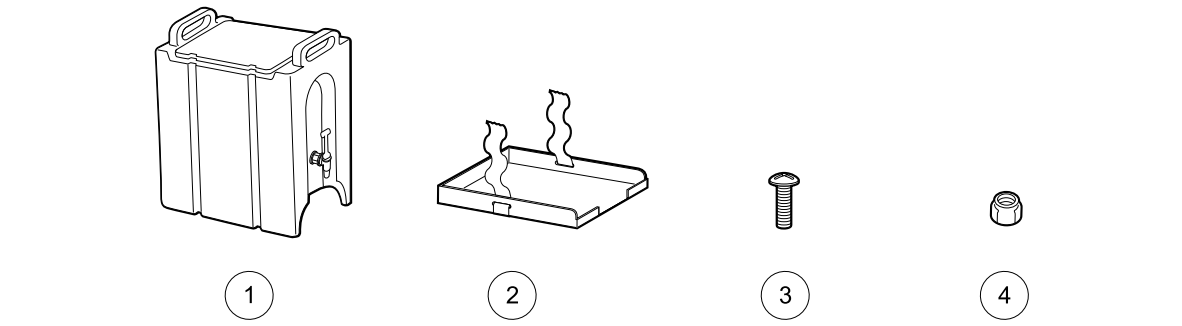
1	101609401	Decal, Crush Area Warning (behind seat, near cargo bed)	6		#10 x 1/2 Flat-Head Stainless Steel Machine Screw
2	SVP193201	Cabinet, Front Cafe Deluxe, Standard	7		#10-32 x 1/2 Flat-Head Stainless Steel Machine Screw
3	SVP193202	Cabinet, Front, Special (TPC)	8		#10-32 x 1/2 Truss-Head Stainless Steel Machine Screw
4	SVP193203	Cabinet, Front, Intrawest	9		Sliding Humidor Tray (comes standard only with item 3, TPC Front Cabinet SVP193202)
5	SVP193301	Cabinet, Rear, Café Express Deluxe	10		Side Plate

Figure 33 Upper Cabinet Parts



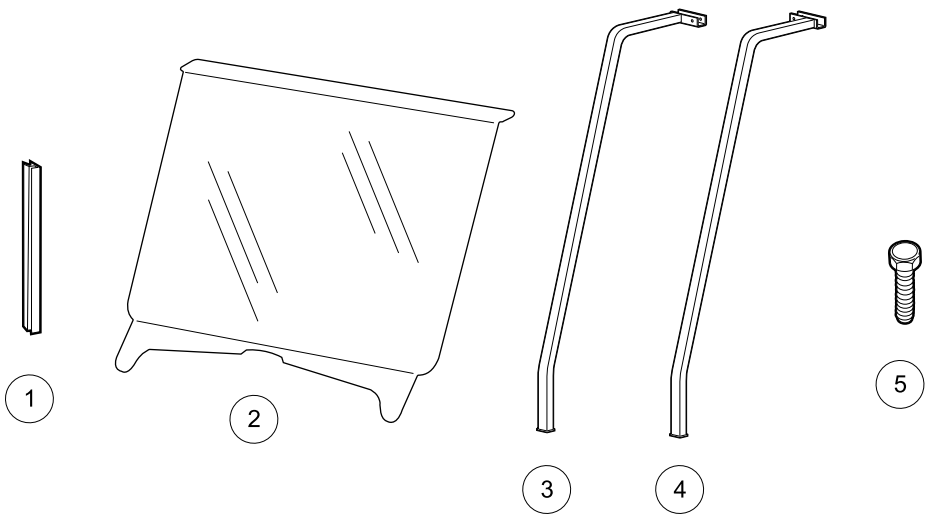
1	103336401	Canopy Frame	3		Splice Bar
2	8233	Locknut, 1/4-20 Nylon Insert	4		1/4-20 x 1-1/2 Hex-Head Cap Screw

Figure 34 Canopy Assembly Parts



1		Cambro Beverage Container	3		#10-24 x 3/4 Phillips-Head Machine Screw
2		Cambro Mounting Tray	4		#10-24 Nylon Locknut

Figure 35 Cambro Installation Parts



1	1014441	Channel, Black Windshield	4	103336002	Support, Passenger-Side Windshield
2	103321101	Windshield	5	96715552	Bolt, M10 x 1.50
3	103336001	Support, Driver-Side Windshield			

Figure 36 Windshield and Windshield Frame Installation Parts

CABINET AND BASE INSTALLATION

There are two upper cabinets and one base assembly. The base and upper cabinets have track strips that interlock as the upper cabinets slide from rear to front. The shortest height upper cabinet is the front cabinet and has four threaded inserts (1) along the front lower edge of the cabinet **(Figure 37)**.

NOTE: *Installation of the upper cabinets will require the use of an additional person.*

1. Position the front edge of the smaller upper cabinet onto the top deck, back edge of the base assembly and slide the cabinet forward so that the track strips interlock the upper cabinet to the base assembly.
2. Attach the front of the cabinet to the bed plate using four 1/4-20 x 3/4-inch truss-head machine screws into the threaded inserts in the cabinet ***(Figure 37)***. Do not tighten.

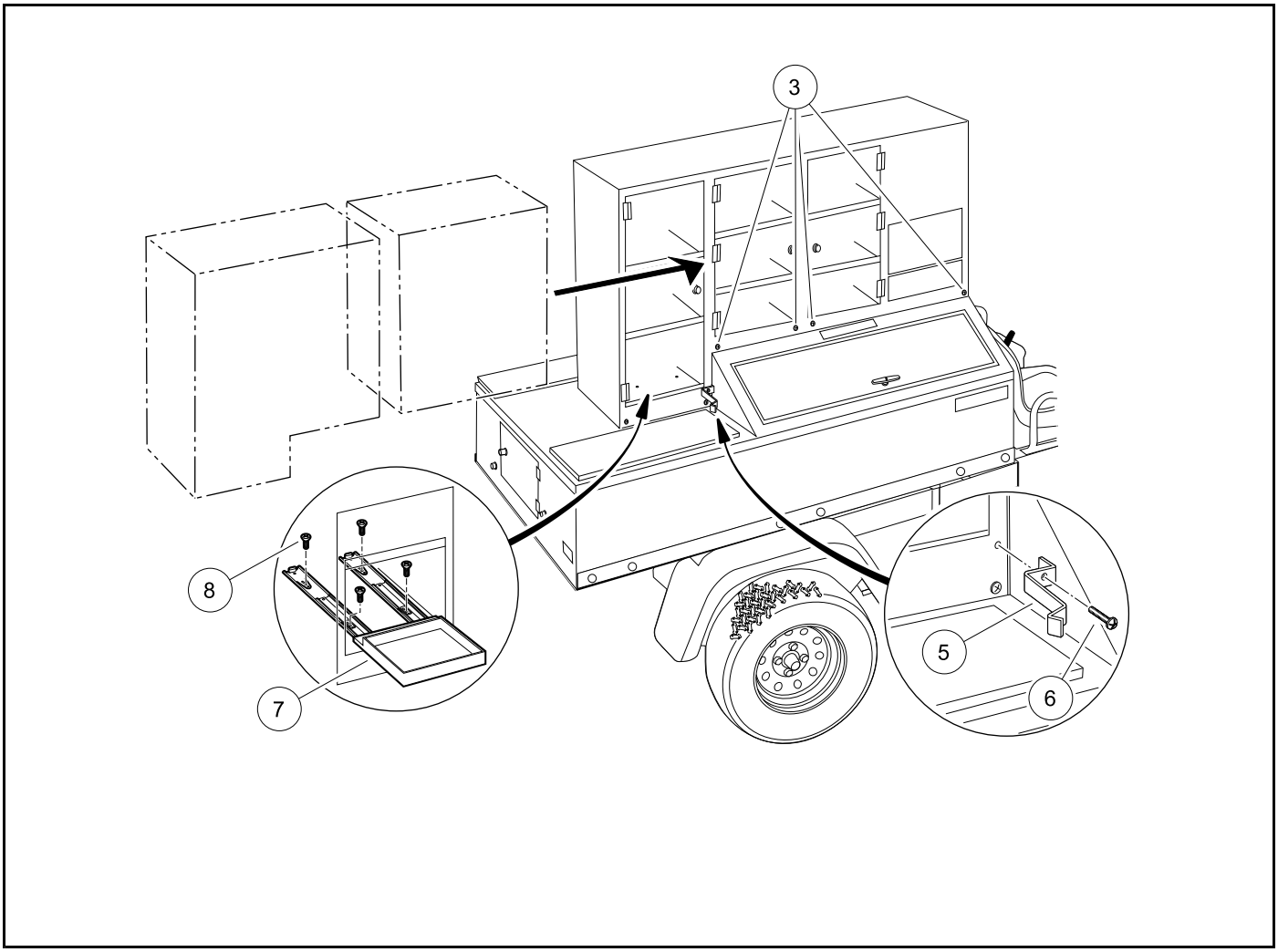


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Figure 37 Upper Cabinets and Base Assembly

3. Position the front edge of the rear upper cabinet so that the track strips on both levels of the base assembly interlock with the cabinet track strips, then slide the cabinet up next to the front cabinet.
4. Locate the two side plates and use sixteen #8-32 x 1/2-inch truss-head machine screws. Assemble both side plates to the upper cabinets, connecting the two cabinets together. Tighten to 3 in-lb (.339 N·m). **See following CAUTION.**
5. Attach the bottom edges of both upper cabinets to both levels of the base assembly using twelve (six each side) 1/4-20 x 3/4-inch truss-head machine screws (3) into the threaded inserts of the track strips on the base assembly. Do not tighten.
6. Tighten the hardware on the front of the cabinet, previously installed in step 2, to 50 in-lb (5.6 N·m) ***(Figure 37)***. **See following CAUTION.**
7. Tighten the twelve bottom edge bolts (3) of the upper cabinets to 50 in-lb (5.6 N·m). **See following CAUTION.**
8. Install the ice compartment door clips (5). Slide the clip in between the upper cabinet and base unit as shown. Attach the clips using 10-24 x 5/8-inch truss-head machine screws (6), one each side of the cabinet. **See Detail in *Figure 37*.** Tighten to 18 in-lb (2.0 N·m). **See following CAUTION.**

CAUTION

- **Do not overtighten screws.**

9. **TPC front cabinet only**: Position the sliding humidor tray (7) (included with upper cabinet SVP193202) to the passenger-side rear upper cabinet as shown ***(Figure 37)***. Fully extend the tray slides and align the two holes in each slide with the threaded inserts on the bottom panel of the cabinet. Secure the tray with four #10 x 1/2-inch machine screws (8). Tighten to 18-in lb (2.0 N·m). **See following NOTE.**

NOTE: *A humidor is not included in this kit.*

CAMBRO CONTAINER TRAY INSTALLATION

The Cambro liquid dispensing container trays mount where the passenger seat would normally be installed.

1. Position the Cambro container trays onto the access panel, located on the passenger side of the vehicle. Use the edges of the container trays and the outside edge of the access panel to align the trays.
2. Use the Cambro container trays for mounting hole locations and mark the access panel in eight places **(Figure 38)**.
3. Drill 3/16-inch holes at each hole location. **See following NOTE.**

NOTE: *Make sure that the drill bit does not hit anything under the access panel when drilling.*

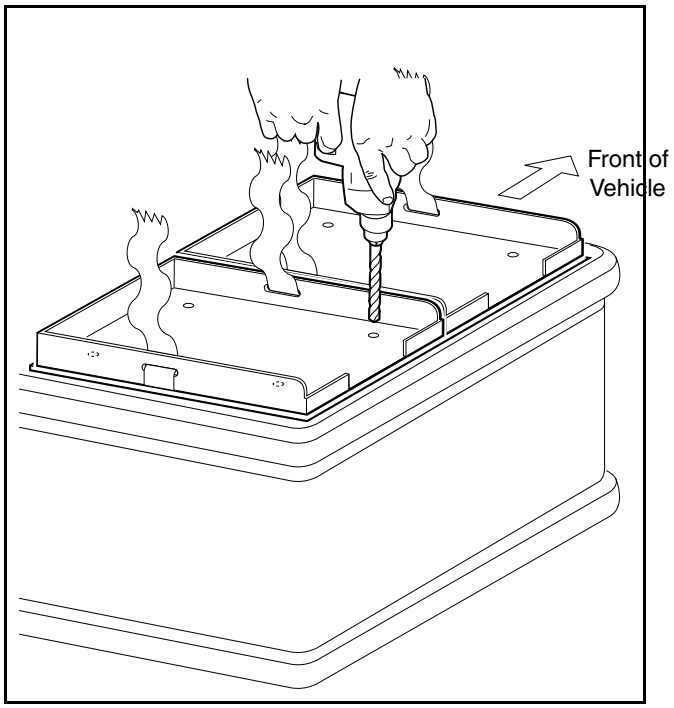

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Figure 38 Cambro Container Tray Installation

4. Attach the Cambro container trays using eight 10-24 x 5/8-inch phillips-drive machine screws and #10-24 nylon locknuts. Tighten to 18 in-lb (2.0 N·m). **See following NOTE.**

NOTE: *Make sure that the holding straps have been laced onto the trays so that the straps pass under the tray bottoms and through the strap slots as shown* ***(Figure 38)****.*

5. Set the Cambro containers onto the trays with the spigots to the outside of the vehicle and the back of the Cambro containers to the back edge of the trays.
6. Cinch the Cambro strap buckles half way from top to bottom. Adjust the straps by pulling on the loose ends of the straps until desired tightness is achieved.

⚠ CAUTION

- **A Cambro container full of liquid can weigh up to 35 lb. (15.87 kg). Keep the container straps tight enough to hold the containers in an upright position in case of a sudden stop or sharp turn, or both.**

NOTE: *When loosening a strap for purposes of removing a container or adding liquid, manipulate the loose end of the strap at the buckle to loosen the strap slightly before releasing the buckle. Releasing the buckle under full tension can damage the buckle coupling components.*

CANOPY FRAME INSTALLATION

The canopy frame consists of two independent frames that must be connected and fastened together. Each frame kit includes three splice bars with hardware. These three splice bars will be inserted into each of the open frame ends and bolted through holes provided in both the frames and bars. The complete canopy frame assembly will attach to the top of the upper cabinets and the top of the windshield frame.

1. Locate the three 12 inch long splice bars and the six 1/4-20 x 1-1/2-inch hex-head bolts and locknuts.
2. Insert the three splice bars into the open ends of one frame assembly and attach with 1/4-20 x 1-1/2-inch hex-head bolts and locknuts. Make sure the bolt heads are to the outside of the frame on the two side frame locations. Tighten to 75 in-lb (8.47 N·m).
3. Position the two canopy frames so that the splice bars from assembled frame are aligned with the open ends of the other frame. Carefully insert the splice bars into the open ends, keeping the travel for each as even as possible to avoid binding. **See following NOTE.**

NOTE: *If necessary, use a rubber mallet to gently tap on the nearest cross tube to assist in assembly.*

4. Attach the remaining three 1/4-20 x 1-1/2-inch bolts to each frame tube and bar through the holes provided. Make sure the bolt heads are to the outside of the frame on the two side frame locations. Tighten to 75 in-lb (8.47 N·m). **See following NOTE.**

NOTE: *Install the canopy frame with the channels toward the front of the vehicle.*

5. With an assistant, position the canopy frame (1) so that the cross tubes with pre-drilled holes align with the nut inserts along the upper edges of the front and rear cabinet **(Figure 39)**.
6. Secure the canopy frame (1) to the upper cabinets (2) using four 1/4-20 x 1-1/2 truss-head machine screws (3) and four large diameter 1/4-inch S.S. flat washers (4) **(Figure 39)**. Apply a coat of Loctite #222® to each threaded end of the bolts. Tighten to 50 in-lb (5.6 N·m). **See following CAUTION.**

⚠ CAUTION

- **Do not overtighten screws.**

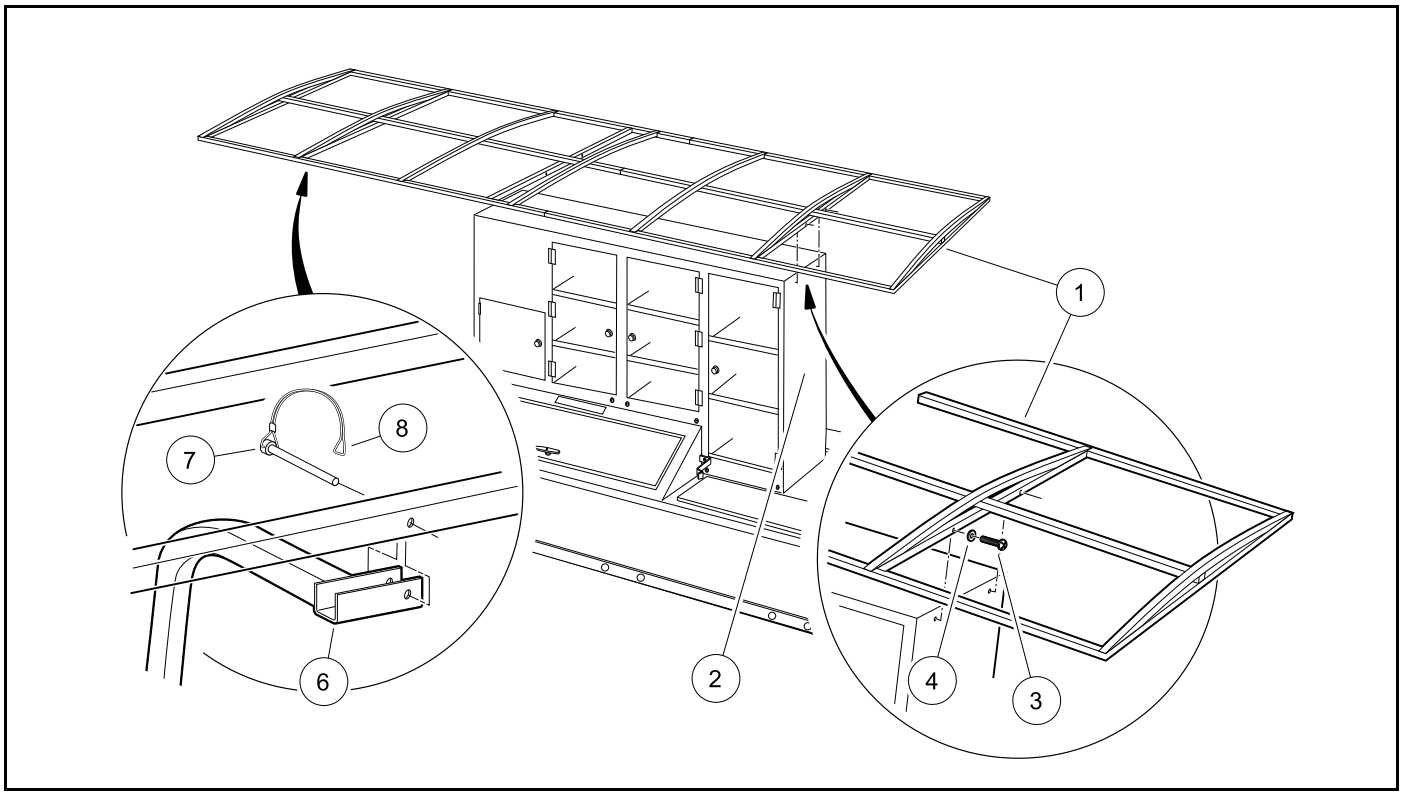

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Figure 39 Canopy Frame Installation

WINDSHIELD FRAME INSTALLATION

NOTE: *Make sure to install the driver-side and passenger-side windshield supports on the correct side of vehicle. The mounting hole in the top bracket (6) should be closer to the middle of the vehicle* ***(Figure 39)****.*

1. Insert windshield supports into existing holes in front body ***(Figure 40)***.
2. Secure each support (1) to vehicle frame (2) with one M10 x 1.50 hex head bolt (3) ***(Figure 40)***.
3. Adjust the top of the windshield supports so that the holes in the support brackets (6) align with the holes in the channels ***(Figure 39)***. Insert one retaining pin (7) in each side and place the retaining wires (8) over the ends of the pins.

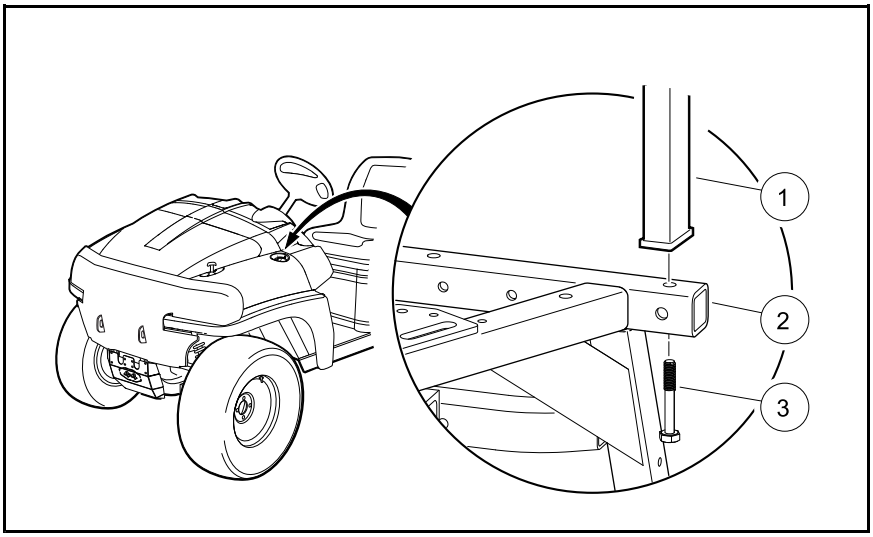

Figure 40 Secure Windshield Frame

CANOPY FRAME VELCRO INSTALLATION

1. Make sure the frame surfaces are dry, clean, and free of grease. Apply the velcro strip (2) all around the outside surface of the canopy frame (1) **(Figure 41)**. Align the bottom edge of the velcro to the bottom edge of the tubing as shown.

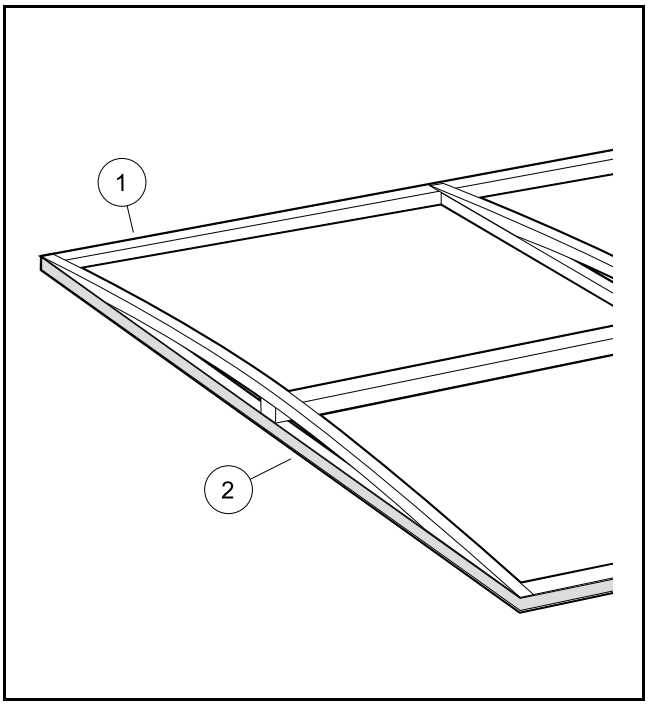

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Figure 41 Velcro Installation

WINK MIRROR ASSEMBLY INSTALLATION

Use the following procedure for the installation of the wink mirror assembly.

1. Locate hole drilling points along the inside flange of each canopy channel at the front of the vehicle. Drill 9/32-inch holes, 2-1/4 inches from the front cross channel and 3/8-inch up from the bottom edge through the inside flange only **(Figure 42)**.
2. Position the mirror assembly with mounting brackets (2) close to the canopy top channels and attach each end of the brackets with a 1/4-20 x 1-1/4-inch truss-head machine screw (1) 1/2-inch long spacer (3), and 1/4-20 flanged locknut (4) **(Figure 43)**. Tighten hardware to 50 in-lb (5.6 N·m).

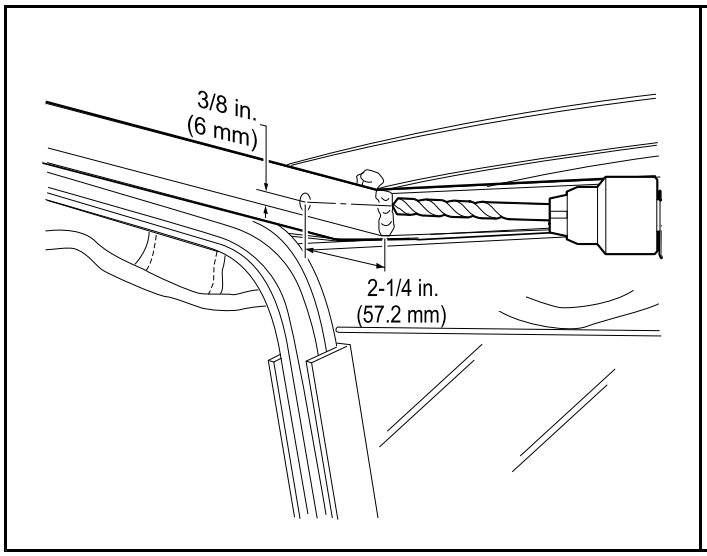

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Figure 42 Drill Mirror Frame Holes

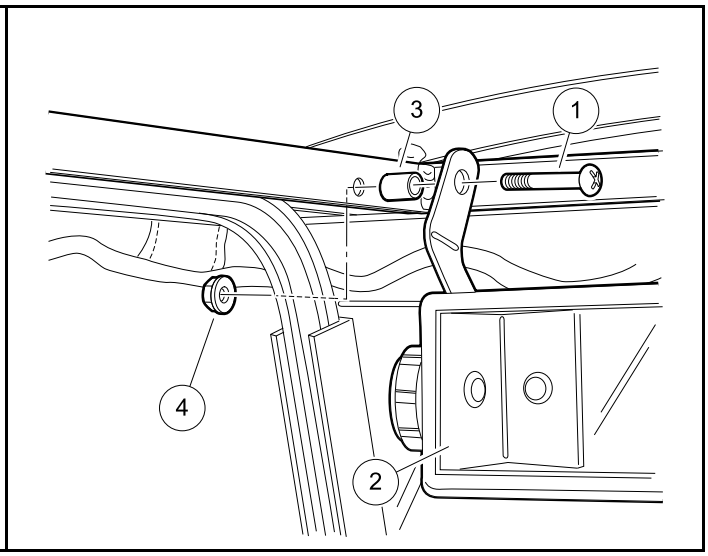

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Figure 43 Attach Mirror Frame

CANOPY COVER INSTALLATION

1. Spread the canopy cover (1) out over the canopy frame with the velcro strip to the inside toward the canopy frame **(Figure 44)**.
2. Starting at one corner, align the bottom edge of the velcro strip on the cover with the bottom edge of the velcro strip on the frame. Continue working around vehicle until canopy cover is completely secured to canopy frame.

NOTE: *Installation of the canopy cover will require some stretching of the cover material. Be careful not to stretch the canopy cover so tightly that the fabric tears.*

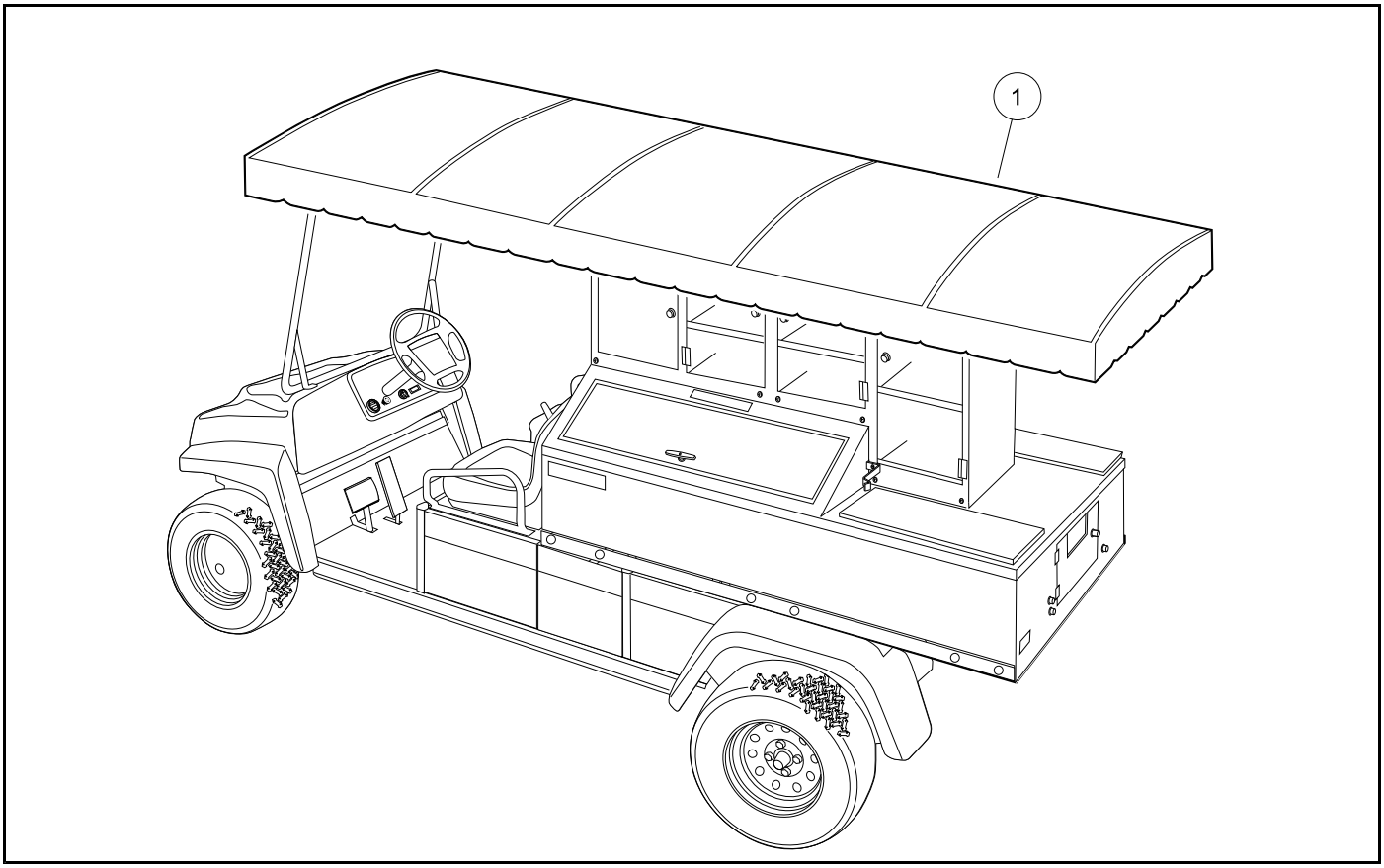

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Figure 44 Canopy Cover Installation

WINDSHIELD INSTALLATION

1. Install the two rubber bumpers (2) to the frame side of the windshield **(Figure 45)**.
2. Install the two mounting channels (1) onto the windshield as shown. Push both channels onto the frame evenly until the channels are firmly attached to the frame.

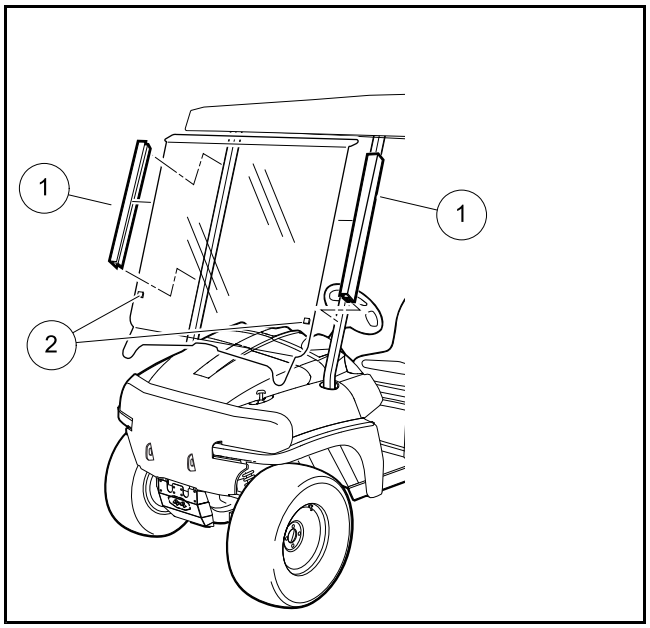

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Figure 45 Install Windshield

HOT FOOD BOX OPERATION AND CARE

NOTE: *The hot food box operates on 120 VAC and 12 VDC and must be pre-heated before operation. The product must be pre-cooked and wrapped and placed into the pre-heated hot food box at 200°F (93.3 °C).*

PRE-HEATING

1. Remove shipping band securing the hot food box to the vehicle.
2. Remove hot food box from the vehicle.
3. Ensure hot food box (1) is completely empty.
4. Connect the AC power cord to AC receptacle (4) on the hot food box (1) and plug it into a 120-volt outlet **(Figure 46)**.
5. Set the thermostat (2) for 200 °F (93.3 °C) and activate the ON-OFF switch (3) to ON for 30-45 minutes **(Figure 46)**.
6. The red AC indicator light (5) on the food box control panel will cycle on and off indicating the box is pre-heating while plugged into a 120-volt outlet **(Figure 46)**

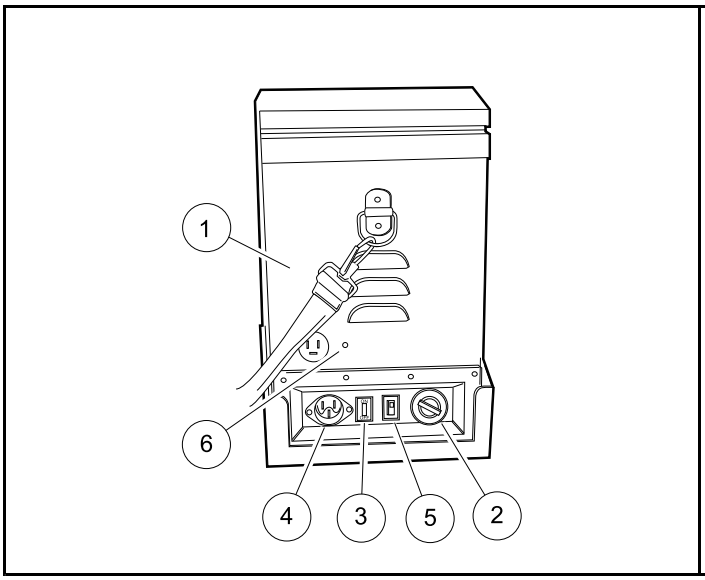

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Figure 46 Hot Food Box

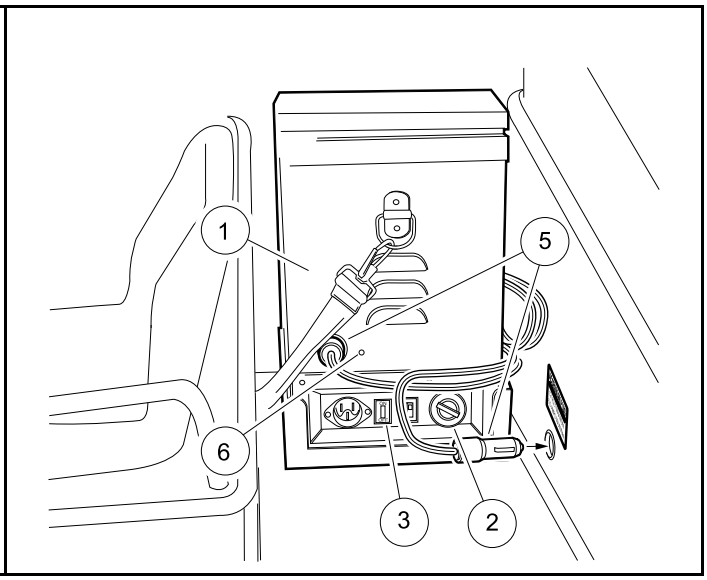

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Figure 47 12VDC Hot Food Box Operation

OPERATION

1. Disconnect the AC power cord from the hot food box.
2. Place the food rack in the bottom of the hot food box.
3. Position the hot food box (1) into the tray mounted on the passenger-side floorboard **(Figure 47)**. Ensure the controls and receptacles are oriented towards the driver-side.
4. Connect the 12-volt power cord (5) to the hot food box (1) and to the 12-volt accessory plug **(Figure 47)**.
5. The red 12-volt indicator light (6) will remain on while the food box is operating from the 12-volt accessory plug **(Figure 47)**.

6. Place excess wire from 12-volt power cord (5) between the hot food box and the vehicle storage cabinet **(Figure 47)**.
7. Place the pre-cooked, wrapped products in the hot food box. **See following CAUTION and NOTE.**

CAUTION

- **The 12-volt accessory plug operates only when the vehicle's key switch is in the ON position or while the engine is running. Prolong operation of the hot food box while the vehicle's key switch is in the ON position could drain the vehicle's battery.**

NOTE: *Do not leave the lid open any longer than it takes to remove the product from the box. The heat will escape rapidly and the heat recovery time will be greater.*

CLEANING

Daily cleaning will help extend the life of the hot food box. Use a mild soap and water solution with a sponge or cloth while the unit is still warm. **See following CAUTION.**

CAUTION

- **Do not clean the unit when it is hot.**
- **Do not use steel wool to clean the unit.**
- **Do not submerge the unit in water.**
- **Do not steam clean or use a water hose.**

WARRANTY

CLUB CAR® LIMITED WARRANTY FOR TRANSPORTATION AND UTILITY VEHICLES

WARRANTY

CLUB CAR, LLC (“CLUB CAR”) hereby warrants to the Original Purchaser or Lessee, as those terms are defined herein, and subject to the provisions, limitations and exclusions in this limited warranty, that its new vehicle or new component purchased from CLUB CAR or an Authorized Dealer or Distributor shall be free from defects in material and workmanship under normal use and service for the periods stated below, subject to the provisions, limitations and exclusions in this limited warranty.

This limited warranty covers material, workmanship and repair labor cost as to those items specifically listed below for the periods specified. Such repair labor shall be performed only by CLUB CAR, its Authorized Dealers or Distributors, or a service agency approved by CLUB CAR. For repairs made by qualified technicians other than CLUB CAR’s factory technicians or an Authorized Dealer or Distributor, CLUB CAR will provide only the replacement parts or components.

IF THE WARRANTY REGISTRATION FORM IS NOT COMPLETED AND RETURNED TO CLUB CAR AT THE TIME OF THE ORIGINAL RETAIL SALE, PURCHASER MUST PROVIDE PROOF OF DATE OF PURCHASE WITH ANY WARRANTY CLAIM.

TO THE ORIGINAL OWNER ONLY (NON-TRANSFERABLE)	TERMS COVERED	HOURS/ ENERGY UNITS COVERED
LIMITED TWO YEAR: Engine assembly, unitized transaxle assembly (gasoline vehicle), starter/generator (gasoline vehicle), motor, transaxle assembly (electric vehicle), main frame assembly, bed box hydraulic dump kit, cab assembly and doors, and Driving Range Protective Enclosure.	2 YEARS	2000
LIMITED ONE YEAR: Solenoid, MCOR, limit switches, voltage regulators, F&R switches, brake components, wiring harness, electrical switches, canopy systems, seats, pedal group assembly, body, portable refreshment center and all original equipment options and accessories supplied by CLUB CAR and all remaining components of the vehicle not specified otherwise.	1 YEAR	1000
6-VOLT BATTERY (STANDARD DUTY)	4 YEARS	18000
6-VOLT BATTERY (HEAVY DUTY)	4 YEARS	20000
8-VOLT BATTERY (STANDARD/HEAVY DUTY)	4 YEARS	16000
ONBOARD COMPUTER	4 YEARS	16000
CONTROLLER	4 YEARS	16000
BATTERY CHARGER	4 YEARS	

EXCLUSIONS

Excluded from any CLUB CAR warranty is damage to a vehicle or component resulting from a cause other than a defect including poor maintenance, neglect, abuse, accident and collision, maintenance adjustments, unreasonable or unintended strain or use, improper installation of accessories, installation of parts or accessories that are not original equipment including Club Car approved or non-approved GPS systems, non-approved alteration and acts of God. Also excluded from any CLUB CAR warranty are all fuses, filters, decals (except safety decals), lubricants, routine wear items such as the charger plug and receptacle, engine mounts, mats, pads, spark plugs, light bulbs, brake shoes, belts, brushes, bushings, drive buttons, cosmetic deterioration, and items that deteriorate, fade or fail due to exposure or ordinary wear and tear.

The provisions of this limited warranty shall not apply to failure due to:

1. Abuse such as overcharging, undercharging, improper fluid levels, use of contaminated water in batteries (See “Water Quality” in owner’s manual), loose wiring and fasteners, or rusted or corroded hardware.

2. Lack of proper maintenance such as preventive maintenance checks, proper rotation of vehicles in a fleet application, maintaining proper tire pressure and alignment and tightening loose wire connections as outlined in the owner's manual.
3. Damages caused by improper installation of the component.
4. Neglect, breakage, freezing, fire, explosion, wreckage, melted terminal posts, the addition of any chemical, or the operation of the battery in an uncharged condition (below half charge 1.200 specific gravity); the installation of the batteries in reverse or recharging in reverse, breakage of containers, covers, or terminal post, or batteries used in applications for which they were not designed.
5. A battery damaged by a defective charger or batteries in vehicles that do not receive proper charging.
6. Every vehicle must have an operational charger on its own circuit. (Number of operational chargers must equal the number of operational vehicles.)
7. Vehicles charged by systems other than the CLUB CAR Charger.
8. Semiconductor parts such diodes and fuses that are vulnerable to electrical overloads (including lightning) beyond the control of CLUB CAR.
9. Charger DC cord set with plug, which is a wear item and subject to user abuse.
10. Use of gasoline containing more than 10% ethanol.

Without limiting the generality of the foregoing in any way, and as part of its limited warranty exclusion, CLUB CAR does not warrant that its vehicle or components such as batteries, computer, controller or electrical device are suitable for use in any application other than in its products. As in the use of any vehicle, batteries, computer, controller or electrical device, a prudent owner will read and study the owner's manual, the operator instructions and the warning labels; and will exercise due care in working on or around vehicles, batteries or electrical devices.

Transportation expenses for warranty services are also excluded from this warranty.

VOIDING OF WARRANTY

THIS AND ANY OTHER WARRANTY SHALL BE VOID IF THE VEHICLE OR COMPONENT IS ABUSED OR USED IN AN UNINTENDED MANNER OR SHOWS INDICATIONS THAT IT HAS BEEN ALTERED IN ANY WAY, INCLUDING, BUT NOT LIMITED TO, MODIFICATION OF THE SPEED GOVERNOR, BRAKING SYSTEM, STEERING, TRANSAXLE, OR OTHER OPERATING SYSTEMS OF THE CAR TO CAUSE IT TO PERFORM OUTSIDE CLUB CAR SPECIFICATIONS. THE WARRANTY IS LIKEWISE VOID IF THE VEHICLE SHOWS INDICATIONS THAT REASONABLE OR NECESSARY MAINTENANCE AS OUTLINED IN THE OWNER'S MANUAL AND MAINTENANCE AND SERVICE MANUAL WAS NOT PERFORMED AT THE TIME AND IN THE MANNER SPECIFIED IN SUCH MANUALS.

SOLE REMEDY

CLUB CAR's liability under this limited warranty or in any action whether based upon warranty, contract, negligence, strict product liability or otherwise, shall be the repair or replacement, at CLUB CAR's option, of the vehicle or component thereof that CLUB CAR deems to be defective. Replacement shall mean furnishing, during the applicable limited warranty period, a new vehicle or factory-reconditioned vehicle or component thereof that is identical or reasonably equivalent to the warranted product or component at no cost to the purchaser. Repair shall mean remedying a defect in the vehicle or component thereof at no cost to the purchaser during the applicable limited warranty period. CLUB CAR reserves the right to test and recharge any component returned for adjustment. If CLUB CAR elects to repair the vehicle or component, it may provide factory-reconditioned parts or components. All parts and components replaced under warranty shall become the property of CLUB CAR.

DISCLAIMER

THIS LIMITED WARRANTY IS EXCLUSIVE. CLUB CAR MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED BY CLUB CAR AND EXCLUDED FROM THIS WARRANTY. THE PURCHASER AND CLUB CAR EXPRESSLY AGREE THAT THE SOLE REMEDY OF THE REPLACEMENT OR REPAIR OF THE DEFECTIVE VEHICLE OR COMPONENT THEREOF IS THE SOLE REMEDY OF THE PURCHASER. CLUB CAR MAKES NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, AND NO REPRESENTATIVE, EMPLOYEE, DISTRIBUTOR OR DEALER OF CLUB CAR HAS THE AUTHORITY TO MAKE OR IMPLY ANY REPRESENTATION, PROMISE OR AGREEMENT, WHICH IN ANY WAY VARIES THE TERMS OF THIS WARRANTY.

In the event that another pre-printed warranty document, certificate or both offered by or through Club Car at the time of sale of this vehicle (each an "Additional Warranty Document") is deemed to conflict with the limitations or exclusions

contained herein, the limitations and exclusions contained herein shall continue to apply to both this limited warranty statement and, to the maximum extent permitted by law, to each Additional Warranty Document.

NO CONSEQUENTIAL DAMAGES

IN NO EVENT SHALL CLUB CAR BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS RELATED TO PROPERTY OTHER THAN THE VEHICLE, LOSS OF USE, LOSS OF TIME, INCONVENIENCE, OR ANY OTHER ECONOMIC LOSS.

Some states allow neither limitation on the duration of an implied warranty nor exclusions or limitation of incidental or consequential damages. Therefore, the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

HOW TO MAKE A WARRANTY CLAIM

To make a warranty claim under this limited warranty, you must present the vehicle or defective component with evidence of proof of purchase date and number of energy units (if applicable) to an authorized CLUB CAR dealer.

For warranty-related communication, contact Warranty Services, Club Car, 4125 Washington Rd., Evans, GA 30809, USA, 706.863.3000.

WARNING

Any modification or alteration of any vehicle beyond factory specifications, including those that affect the weight distribution, stability, or speed of the vehicle, can cause serious personal injury or death.

CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT

YOUR WARRANTY RIGHTS AND OBLIGATIONS:

The California Air Resources Board (“CARB”) and Club Car, LLC (“CLUB CAR”) are pleased to explain the emission control system warranty on your 2009 and newer vehicle engine (the “emission warranty”). In California, new small off-road engines (“SORE”) must be designed, built and equipped to meet the State’s stringent anti-smog standards. CLUB CAR shall warrant the emission control system on the vehicle engine for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your small off-road engine.

Your emission control system may include parts such as the carburetor or fuel-injection system, the ignition system, the catalytic converter and related hoses, belts, connectors and other emission assemblies or components.

Where a warrantable condition exists, as defined herein, CLUB CAR will repair your vehicle engine at no cost to you including diagnosis, parts and labor.

MANUFACTURER’S WARRANTY COVERAGE:

This emission control system is warranted for two years from the vehicles’ date of purchase. If any emission-related part on your CLUB CAR SORE is defective, the part will be repaired or replaced by CLUB CAR.

OWNER’S WARRANTY RESPONSIBILITIES:

- As the vehicle engine owner, you are responsible for the performance of the required maintenance listed in your owner’s manual. CLUB CAR recommends that you retain all receipts covering maintenance on your vehicle engine, but CLUB CAR cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

- As the vehicle engine owner, you should however be aware that CLUB CAR may deny you warranty coverage if vehicle engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

- You are responsible for presenting vehicle engine to a CLUB CAR distribution center as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days. If you have any questions regarding your warranty rights and responsibilities, you should contact WARRANTY SERVICES, CLUB CAR, LLC, P.O. Box 204658, Augusta, Georgia 30917-4658, U.S.A., 1-706-863-3000.

CLUB CAR EXPLANATION OF EMISSION CONTROL WARRANTY:

1. WARRANTY:

CLUB CAR warrants to the ultimate purchaser and each subsequent purchaser that the SORE and related emissions equipment is designed, built and equipped so as to conform with all applicable California environmental emission regulations; and free from defects in materials and workmanship that cause the failure of a warranted part to be identical in all material respects to that part as described in CLUB CAR’s application for certification with CARB. The warranty period begins on the date the engine or equipment is delivered to an ultimate purchaser or first placed into service. The warranty period is two years from the date of purchase.

2. COVERAGE:

Subject to certain conditions and exclusions as stated below, the warranty on emission-related parts is as follows:

(1) Any warranted part that is not scheduled for replacement as required maintenance in the written instructions supplied, is warranted for the warranty period stated above. If the part fails during the period of warranty coverage, the part will be repaired or replaced by CLUB CAR according to subsection (4) below. Any such part repaired or replaced under warranty will be warranted for the remainder of the original warranty period.

(2) Any warranted part that is scheduled only for regular inspection in the written instructions supplied is warranted for the warranty period stated above. Any such part repaired or replaced under warranty will be warranted for the remaining original warranty period.

(3) Any warranted part that is scheduled for replacement as required maintenance in the written instructions supplied is warranted for the period of time before the first scheduled replacement date for that part. If the part fails before the first scheduled replacement, the part will be repaired or replaced by CLUB CAR according to subsection (4) below. Any such part repaired or replaced under warranty will be warranted for the remainder of the period prior to the first scheduled replacement point for the part.

(4) Repair or replacement of any warranted part under the warranty provisions herein must be performed at a warranty station* at no charge to the owner.

(5) Notwithstanding the provisions herein, warranty services or repairs will be provided at all of our distribution centers that are franchised to service the subject engines or equipment.

(6) The engine or equipment owner will not be charged for diagnostic labor that is directly associated with diagnosis of a defective, emission-related warranted part, provided that such diagnostic work is performed at a warranty station*.

(7) CLUB CAR is liable for damages to other engine or equipment components proximately caused by a covered failure under warranty of any warranted part.

(8) Throughout the engine or equipment warranty period stated above, CLUB CAR will maintain a supply of warranted parts sufficient to meet the expected demand for such parts.

(9) Any replacement part may be used in the performance of any warranty maintenance or repairs and must be provided without charge to the owner. Such use will not reduce the warranty obligations of CLUB CAR.

(10) Add-on or modified parts that are not exempted by the Air Resources Board may not be used. The use of any non-exempted add-on or modified parts by the ultimate purchaser will be grounds for disallowing a warranty claims. CLUB CAR will not be liable to warrant failures of warranted parts caused by the use of a non-exempted add-on or modified part.

*CLUB CAR, its authorized dealers, or a service agency approved by CLUB CAR.

ITEMS COVERED BY THIS WARRANTY:

The repair or replacement of any warranted part otherwise eligible for warranty coverage may be excluded from such warranty coverage if CLUB CAR demonstrates that the engine or equipment has been abused, neglected, or improperly maintained, and that such abuse, neglect, or improper maintenance was the direct cause of the need for repair or replacement of the part. That notwithstanding, any adjustment of a component that has a factory installed, and properly operating, adjustment limiting device is still eligible for warranty coverage. The following emission warranty parts list are covered:

SYSTEMS COVERED PARTS DESCRIPTION

Fuel Metering Carburetor assembly, fuel injection pump, fuel injection nozzle, fuel regulator Exhaust Catalytic Converter, Exhaust Manifold Air Induction Air filter housing, air filter*, crankcase breather tube Ignition Flywheel magneto, ignition pulse generator, ignition coil assembly, ignition control module, spark plug cap, spark plug* Positive Crankcase Ventilation (PCV) System PCV valve, oil filler cap Evaporative System Fuel Tank, Fuel Cap, Fuel Lines, Fuel Line Fittings, Clamps, Pressure Relief Valves, Purge Valves, Vapor Hoses, Carbon Canister, Canister Mounting Brackets, Carbon Canister Purge Port Connector Misc. Parts Belts, hosing, tubing, fittings, seals, gaskets, clamps, and switches associated with the above systems.

Emission-related parts will vary between vehicles; therefore, certain vehicles may not include all of the listed parts or may include equivalent parts.

3. VOIDING OF WARRANTY:

THIS AND ANY OTHER WARRANTY SHALL BE VOID IF THE VEHICLE IS ABUSED OR USED IN AN UNINTENDED MANNER OR SHOWS INDICATIONS THAT IT HAS BEEN ALTERED IN ANY WAY, INCLUDING, BUT NOT LIMITED TO, MODIFICATION OF THE SPEED GOVERNOR, BRAKING SYSTEM, STEERING, TRANSAXLE, OR OTHER OPERATING SYSTEMS OF THE VEHICLE TO CAUSE IT TO PERFORM OUTSIDE CLUB CAR SPECIFICATIONS.

4. HOW TO MAKE A WARRANTY CLAIM:

To make a warranty claim under this limited warranty, you must present the vehicle or defective component to an authorized CLUB CAR dealer or send the defective component, freight prepaid, to WARRANTY SERVICES, CLUB CAR, LLC, 4125 Washington Road, Evans, Georgia 30809, U.S.A., 706-863-3000.

EMISSION CONTROL INFORMATION

Fuel Information

THIS VEHICLE IS CERTIFIED TO OPERATE ON UNLEADED REGULAR GRADE GASOLINE ONLY.A minimum of 87 octane of the anti-knock index is recommended.The anti-knock index is posted on service station pumps in the U.S.A.

Emission Control Information

To protect the environment in which we all live, Club Car has incorporated crankcase emission (1) and exhaust emission (2) control systems (EM) in compliance with applicable regulations of the U.S.Environmental Protection Agency and California Air Resources Board.

1.Crankcase Emission Control System

A sealed-type crankcase emission control system is used to eliminate blow-by gases.The blow-by gases are led to the breather chamber through the crankcase.Then, it is led to the air cleaner.

Oil is separated from the gases while passing through the inside of the breather chamber from the crankcase, and then returned back to the bottom of the crankcase.

2.Exhaust Emission Control System

The exhaust emission control system applied to this engine consists of a carburetor and an ignition system having optimum ignition timing characteristics.

The carburetors have been calibrated to provide lean air/fuel mixture characteristics and optimum fuel economy with a suitable air cleaner and exhaust system.

Maintenance and Warranty

Proper maintenance is necessary to ensure that your engine will continue to have low emission levels.Those items identified by the Periodic Maintenance Chart are necessary to ensure compliance with the applicable standards.

The Club Car Limited Emission Control System Warranty requires that you return your engine to an authorized Club Car Dealer for remedy under warranty.Please read the warranty carefully, and keep it valid by complying with the owner's obligations it contains.

Tampering with Emission Control System Prohibited

California State law prohibits the following acts or the causing thereof:(1) the removal or rendering inoperative by any person other than for purposes of maintenance, repair, or replacement, of any device or element of design incorporated into any new engine for the purposes of emission control prior to its sale or delivery to the ultimate purchaser or while it is in use, or (2) the use of the engine after such device or element of design has been removed or rendered inoperative by any person.

Among those acts presumed to constitute tampering are the acts listed below:

Do not tamper with the original emission related parts:

- Carburetor and internal parts
- Spark plugs
- Magneto or electronic ignition system
- Fuel filter element
- Air cleaner element
- Crankcase
- Cylinder head
- Breather chamber and internal parts
- Intake pipe and tube

FUEL AND OIL RECOMMENDATIONS

Fuel

Use only clean, fresh, unleaded regular grade gasoline.

Octane Rating

The octane rating of a gasoline is a measure of its resistance to "knocking".Use of a minimum of 87 octane of the anti-knock index is recommended.The anti-knock index is posted on service station pumps in the U.S.A.

NOTE

- If "knocking or pinging"occurs, use a different brand of gasoline or higher octane rating.

⚠ CAUTION

- Do not mix oil with gasoline.

Oxygenated Fuel

If you use oxygenated fuel (either ethanol or MTBE added to gasoline), be sure it is unleaded and meets the minimum octane rating requirement.

The following are the EPA approved percentages of fuel oxygenates.

ETHANOL:(Ethyl or Grain Alcohol) You may use gasoline containing up to 10% ethanol by volume.

MTBE:(Methyl Tertiary Butyl Ether) You may use gasoline containing up to 15% MTBE by volume.

METHANOL:(Methanol or Wood Alcohol) 5% by volume.

You may use gasoline containing up to 5% methanol by volume, as long as it also contains cosolvents and corrosion inhibitors to protect the fuel system.Gasoline containing more than 5% methanol by volume may cause starting and/or performance problems.It may also damage metal, rubber, and plastic parts of your fuel system.

⚠ WARNING

- Gasoline is extremely flammable and can be explosive under certain conditions.Turn the engine switch OFF. Do not smoke.Make sure the area is well ventilated and free from any source of flame or sparks;this includes any appliance with a pilot light.Never fill the tank so the fuel level rises into the filler neck.If the tank is overfilled, heat may cause the fuel to expand and overflow through the vent in the fuel tank.

Engine Oil

The following engine oils are recommended.

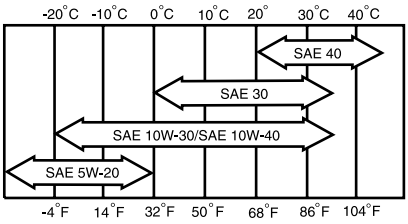
API Service Classification:SC, SD, SE, SF, SG, or SH.

⚠ WARNING

- After refueling, make sure the tank cap is closed securely.
- If gasoline is spilled on the fuel tank wipe it off immediately.

Oil Viscosity

Choose the viscosity according to the temperature as follows:



NOTE

- Using multi-grade oils (5W-20, 10W-30, and 10W-40) will increase oil consumption.Check oil level more frequently when using them.

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This manual is valid for vehicles built during the 2009 model year.
It is also valid for vehicles with build codes between 54699 and the one indicated at the top of this page.

103472523

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